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Performance of Commercial Soybeans in Illinois

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This circular was prepared by P. L. Raymer, Associate Agronomist; G. L. Ross, Agronomist; K. A. Kelley, Technical Assistant; S. G. Carmer, Professor of Biometry; and D. W. Graffis, Professor of Forage Crops Extension.

Urbana, Illinois

December, 1982

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PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS, 1982

(With 1980 and 1981 Results)

THE UNIVERSITY OF ILLINOIS commercial soybean testing program was started in 1969 as a result of requests by seedsmen that their private varieties be tested. The number of individuals participating has increased each year since the start of the program.

The purpose of this commercial soybean testing program is to provide unbiased, objective, and accurate testing of all varieties entered. The tests are conducted on as uniform a soil as is available in the testing area. Small plots are used to reduce the chance of soil and climatic variations occurring between one variety plot and another.

The results of these tests should help you judge the merits of varieties in comparison with other private and public varieties. Since your soils and management may differ from those of the test location, you may wish to plant variety strips of the higher-performing varieties on your farm. The results printed in this circular should help you decide which varieties to try.

Test Program

Selection of entries. Soybean producers in Illinois and surrounding states were invited to enter varieties, brands, or blends in the 1982 Illinois soybean performance trials. To help finance the testing program, a fee of \$40 (\$55 for irrigated trials) was charged for each entry entered by the seed producer. Most of these varieties, brands, or blends are commercially available, but some experimental varieties were also entered.

A total of 1,528 entries were tested in 1982.

Number and location of tests. In 1982, 13 major tests were conducted at 10 locations in the state (see map on page 5). These sites represent the major soils and maturity zones of the state.

Field plot design. Entries of each test were replicated three times in a randomized complete block or lattice design. The 30-inch-row trial plots consisted of four rows each 25 feet long. The center two rows of each plot were harvested to measure yield. The 7-inch-row trial plots consisted of ten rows each 25 feet long. The center eight rows were harvested to measure yield. All plots were end-trimmed prior to harvest.

Fertility and weed control. All test locations were at a high level of fertility. Herbicides were used at all test locations for weed control. All plots were also weeded by hand.

Method of planting and harvesting. The 30-inch row variety trials were planted with a modified bean planter. A custom-built, cone type, narrow-row drill was used to plant the 7-inch trials. Harvesting was done with a small-plot combine. No allowances were

made for beans that may have been lost as a result of combining or shattering.

Performance Data

Seed germination. Two replications of each entry were planted in a greenhouse sandbench at a depth of $\frac{1}{2}$ inch, and emergence percentages were recorded after 7 days. This test measured the ability of the soybean varieties to germinate and emerge under ideal conditions.

Seedling emergence. The emergence score, which is related to hypocotyl elongation, measures the ability of soybean seed to germinate and emerge when planted too deep in the field. Three replications of each brand, variety, or blend entered were planted in sand at a depth of $3\frac{1}{2}$ inches. Temperature was held constant at 25° C. for the duration of the test. Emergence scores were measured as the percentage of seeds that germinated and emerged 8 days after planting. The following scores were used to compare entries:

- 1 — 80% or more emerged
- 2 — 70 to 79% emerged
- 3 — 40 to 69% emerged
- 4 — 20 to 39% emerged
- 5 — 0 to 19% emerged

Yield. Soybean yield was measured in bushels (60 pounds) per acre at a moisture content of 12.5 percent. An electronic moisture monitor was used on the combine for all moisture readings.

Maturity. Maturity was stated as the date when approximately 95 percent of the pods were ripe.

Lodging. The amount of lodging was rated at harvesttime. The following scale was used:

- 1 — Almost all plants erect
- 2 — All plants leaning slightly or a few plants down
- 3 — All plants leaning moderately (45°), or 25 to 50 percent of the plants down
- 4 — All plants leaning considerably, or 50 to 80 percent of the plants down
- 5 — Almost all plants down

Height. Height was measured shortly before harvest as the average length of plants from the ground to the tip of the main stem.

Shattering. The percentage of open pods was estimated at harvesttime. The following scale was used:

- 1 — No shattering
- 2 — 1 to 10% of pods open
- 3 — 10 to 25% of pods open
- 4 — 25 to 50% of pods open
- 5 — Over 50% of pods open

Suggestions for Comparing Entries

It is impossible to obtain an exact measure of performance when conducting any test of plant material. Harvesting efficiency may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests are more reliable than those of a single year or a single strip test. When one variety consistently outyields another at several test locations and over several years of testing, the chances are good that this difference is real and should be considered in selecting a variety. However, yield is not the only indicator. You should also consider maturity, lodging, and germination.

As an aid in comparing soybean varieties, brands, and blends within a single trial, certain statistical tests have been devised. One of these tests, the least significant difference (L.S.D.), when used in the manner suggested by Carmer and Swanson,¹ is quite simple to apply and is more appropriate than most other tests. When two entries are compared and the difference between them is greater than the tabulated L.S.D. value, the entries are judged to be "significantly different."

When the observed mean of entry A is larger than that of entry B and the difference between them is found to be significant, then either (1) the mean of entry A really is larger than that of entry B, and a correct decision has been made; (2) the means of entries A and B are really equal, and a Type I statistical error has been made (that is, the means were declared to be unequal when they were actually equal); or (3) the mean of entry B is really larger than that of entry A, and a reverse decision or Type II statistical error has been made (that is, the mean of A was declared to be greater than that of B, when the reverse is true).

When no significant difference is found between two entries, then either (1) the means are really equal and a correct decision has been made; or (2) the means are really different, and a Type II statistical error has been made (that is, the means were declared to be equal when they really are different). In a study of the frequencies of occurrence of these three types of statistical errors and their relative seriousness, Carmer² found strong arguments for an optimal significance level in the range $\alpha = 0.20$ to 0.40 , where α is the Type I statistical error rate for comparisons between means that are really equal. Herein, values of $\alpha = 0.10$ and 0.30 are used in computing the L.S.D. 10- and 30-percent levels shown in the tables.

To make the best use of the information presented in this circular and to avoid any misunderstanding or misrepresentation of it, the reader should consider an additional caution about comparing entries. Readers who compare entries in different trials should be ex-



tremely careful, since no statistical tests are presented for that purpose. Readers should note that the difference between a single entry's performance at one location and its performance at another is caused primarily by environmental effects and random variability. Furthermore, the difference between the performance of entry A in one trial and the performance of entry B in another is the result not only of environmental effects and random variability, but of genetic effects as well.

1982 Test Fields

DeKalb

Location: University of Illinois Northern Illinois Research Center, southwest of DeKalb.

Soil type: Flanagan silt loam (dark brown, adequately drained, highly fertile).

Cooperators: R.R. Bell, field manager; D.L. Mulvaney, research director.

Planting date: May 19.

Harvest dates: October 14 and 15.

Elwood

Location: Northeastern Illinois Agronomy Center, Will County.

Soil type: Elliott silt loam.

Cooperators: Dale Harshbarger, field manager; D.L. Mulvaney, research director.

Planting date: May 25.

Harvest dates: October 26 and 27.

¹ Carmer, S. G. and M. R. Swanson. An Evaluation of Ten Pairwise Multiple Comparison Procedures by Monte Carlo Methods. *Journal of American Statistical Association* 68:66-74. 1973.

² Carmer, S. G. Optimal Significance Levels for Application of the Least Significant Difference in Crop Performance Trials. *Crop Science* 16:95-99, 1976.

Monmouth

Location: University of Illinois Northwestern Illinois Agricultural Research and Demonstration Center, northwest of Monmouth.

Soil type: Muscatine silt loam.

Cooperators: Mike Mainz, area agronomist and field superintendent; Jay Sutor, farm foreman.

Planting date: May 18.

Harvest dates: October 5 and November 16.

Comments: Heavy rains during July resulted in excessive vegetative growth and early lodging of many entries.

Kilbourne (Irrigated)

Location: University of Illinois Illinois River Valley Sand Field, 10 miles west of Kilbourne, Mason County, central Illinois.

Soil type: Plainfield sand.

Cooperators: H. Hopen, research director; LaVern Hahn, superintendent.

Planting date: May 12.

Harvest date: October 11.

Irrigation: A total of 10.15 inches of water was applied in 11 applications during the growing season to supplement natural rainfall.

Comments: Many plots were physically damaged by equipment used in a postemergence herbicide application.

Urbana

Location: University of Illinois South Farm, Champaign County, east central Illinois.

Soil type: Flanagan silt loam (dark brown, adequately drained).

Cooperators: M.G. Oldham, farm manager; Mike Plotner, farm foreman.

Planting date: May 11.

Harvest dates: September 23, 24, and 29, and October 12, 16, and 28.

Perry

Location: Orr Research Center, near Perry, Pike County, south central Illinois.

Soil type: Herrick silt loam (moderately poorly drained).

Cooperators: Glenn Raines, research director; Tom Hallock, field superintendent.

Planting date: May 13.

Harvest date: October 18.

Comments: Emergence was erratic and stands were only fair. Weeds were a problem throughout the growing season.

Brownstown

Location: University of Illinois Brownstown Experimental Field, Fayette County, south central Illinois.

Soil type: Cisne silt loam (poorly drained, gray prairie with a well-developed claypan).

Cooperator: Frank Zajicek, research director.

Planting date: May 14.

Harvest dates: September 30 and October 25.

Belleville

Location: Southern Illinois University Research Center, east of Belleville, St. Clair County.

Soil type: Ebbert silt loam.

Cooperators: Chuck Strieker, field manager; George Kapusta, agronomist.

Planting date: May 20.

Harvest date: October 22.

Carbondale

Location: Southern Illinois University Agronomy Research Center, extreme southern Illinois.

Soil type: Weir silt loam (shallow, silty loam over claypan).

Cooperators: Jim Hubbard, field manager; George Kapusta, agronomist.

Planting date: May 20.

Harvest date: October 20.

Comments: Heavy infestations of soybean cyst nematodes severely stunted all susceptible entries.

Dixon Springs

Location: University of Illinois Dixon Springs Agricultural Center, Pope County, extreme southern Illinois.

Soil type: Sharon silt loam (light-colored, moderately well drained, medium-textured bottomland).

Cooperator: George McKibben, professor.

Planting date: May 21.

Harvest date: October 20.

Comments: Stands were extremely poor in the group V maturity test. Caution should be used in comparing these entries.

Growing Season Rainfall

Location	May	June	July	August
DeKalb	3.97	4.32	6.48	1.52
Elwood	2.34	2.70	6.56	2.51
Monmouth	5.48	2.96	14.57	7.53
Kilbourne	1.60	4.54	4.10	2.60
(By irrigation)	(0.75)	(1.75)	(4.65)	(3.00)
Urbana	4.54	5.02	4.43	2.54
Perry	2.57	10.21	2.34	5.76
Brownstown	4.02	4.45	4.85	3.06
Belleville	4.91	2.70	4.56	3.59
Carbondale	5.91	3.30	2.93	2.63
Dixon Springs	5.85	3.96	1.71	4.37

Sources of Seed

- Ag-Seeds, Ag-Seeds, Inc., P.O. Box 316, Carthage, IL 62321
Agrigenetics, Agrigenetics Corp., P.O. Box M, Plymouth, IN 46563
Agripro, North American Plant Breeders, R.R. 2, Highway 30E, Ames, IA 50010
Agrisoy, Agrinetics, Inc., P.O. Box 151, Naperville, IL 60566
Agro-soy, Uphoff Seeds, Box 647, West Rt. 316, Charleston, IL 61920
Americana, Americana Seeds, Inc., P.O. Box 275, Bowen, IL 62316
Asgrow, Asgrow Seed Co., 7000 Portage Road, Kalamazoo, MI 49001
Bellatti, Bellatti Soybeans, R.R. 2, Mount Pulaski, IL 62548
Bergmann-Taylor, Bergmann-Taylor Seeds, St. Jacob, IL 62281
Callahan, Callahan Seeds, 1122 E. 169th St., Westfield, IN 46074
CFS, Custom Farm Seed, P.O. Box 160, Momence, IL 60954
Coker, Coker's Pedigreed Seed Co., P.O. Box 205, Richland, IN 47634
Dairyland, Dairyland Research International, R.R. 1, Box 51, Clinton, WI 53525
De Soy, Dale Ewing Farm Seed, Box 516, Jewell, IA 50130
Diener, Diener Brothers, Inc., R.R. 1, Box 16A, Reynolds, IN 47980
Duesterhaus, Duesterhaus Fertilizer, Inc., P.O. Box 248, Quincy, IL 62301
Elite, Elliott Seeds, Inc., R.R. 2, Lucerne, IN 46950
FFR, FFR Cooperative, 4112 E. State Road 225, West Lafayette, IN 47906
FS HiSoy, Growmark, Inc., 1701 Towanda Avenue, Bloomington, IL 61701
Fulvar, Fuller Seed Co., Inc., P.O. Box 38, Lincoln, IL 62656
Funk, Funk Seeds International, 1300 W. Washington St., Bloomington, IL 61701
Furrow, Furrow Seed Co., P.O. Box 246, El Paso, IL 61738
Gold Tag, Ferry-Morse Seed Co., P.O. Box 24, Geneseo, IL 61254
Helena, Helena Chemical Co., Suite 3200, 5100 Poplar Ave., Memphis, TN 38137
Henkel Seeds, Henkel Grain Co., R.R. 1, Mendota, IL 61342
Hoblit, Hoblit Seed Co., R.R. 1, Atlanta, IL 61723
Jacques, Jacques Seed Co., Box 370, Lincoln, IL 62656
JM Schultz, J. M. Schultz Seed Co., 105 Pine St., Dietrich, IL 62424
Kaltenberg, Kaltenberg Seed Farms, R.R. 2, Waunakee, WI 53597
Geo. Keller & Sons Co., Geo. Keller & Sons Co., 909 Maine St., Quincy, IL 62301
Kitchen, Kitchen Seed Co., Inc., N. Vine St., Arthur, IL 61911
Kruger, Kruger Seed Co., P.O. Box 807, Highway 57 W., Cedar Falls, IA 50613
Landers, Landers Seed Co., Inc., P.O. Box 120, Sullivan, IL 61951
Lewis, Lewis Hybrids, Inc., Ursa, IL 62376
Lowe, Lowe Seed Co., Box 1685, Kankakee, IL 60901
Masco, McAllister Seed Co., P.O. Box 28, Mt. Pleasant, IA 52641
McCubbin, McCubbin Seed Farm, Inc., Green Mountain, IA 50637
McCurdy, McCurdy Seed Co., Main St., Fremont, IA 52561
Merschman, Merschman Seed & Fertilizer, Inc., P.O. Box 67, West Point, IA 52656
MFA Mosoy, MFA, Inc., Seed Division, 201 S. Seventh St., Columbia, MO 65201
Midwest Oilseeds, Midwest Oilseeds, Inc., R.R. 3, Box 204, Adel, IA 50003
Migro, North American Plant Breeders, P.O. Box 2955, Mission, KS 66201
NAPB, North American Plant Breeders, 5124 Schubert, Ames, IA 50010
Noble, Noble Brothers, 523 S. Sangamon, Gibson City, IL 60936
Northrup King, Northrup King Co., P.O. Box 251, Sidney, IL 61877
Paymaster, Paymaster Seeds, Box 467, Monticello, IL 61856
Pfizer Genetics, DeKalb-Pfizer Genetics, Inc., P.O. Box 33, Mason City, IL 62664
Prairie State Commodities, Prairie State Commodities, Box 6, Trilla, IL 62469
Pride, Pride Co., Inc., P.O. Box 58, Glen Haven, WI 53810
Public Varieties, Illinois Foundation Seeds, P.O. Box 722, Champaign, IL 61820
Rice, W.A. Rice Seed Co., 1108 W. Carpenter, Jerseyville, IL 62052
Ring Around, Ring Around Products, Inc., P.O. Box 589, Montgomery, AL 36195
Riverside, Lynnville Seed Co., Lynnville, IA 50153
S Brand, Schechinger Seed Co., R.R. 1, Harlan, IA 51537
Seedmakers, Seedmakers, Inc., P.O. Box 84, Sidney, IL 61877
Shissler, Shissler Seed Co., Elmwood, IL 61529
Sieben, Sieben Hybrids, Inc., Hwy. 82 N., Geneseo, IL 61254
SRF, Soybean Research Foundation, Inc., 115 N. Perry St., Mason City, IL 62664
Stewart Seeds, Stewart Seeds, Inc., Rt. 8, Box 227, Greensburg, IN 47240
Stine, Stine Seed Farm, Inc., Rt. 3, Box 204, Adel, IA 50003
Supersoy, Stewart Hybrids, Inc., R.R. 1, Princeville, IL 61559
Taylor Evans, Taylor Evans Seed Co., P.O. Box 68, Tulia, TX 79088
Trisler, Trisler Seed Farms, Inc., R.R. 1, Box 153, Fairmount, IL 61841
Voris, Voris Seeds, Inc., P.O. Box 457, Windfall, IN 46076
Wilken Brand, Wilken Seed Grains, Inc., P.O. Box 133, Pontiac, IL 61764

Germination and Emergence Scores

Entry Blend (B) Variety (V) Experimental (E) Released (R)	Greenhouse germination (percent)	Emergence score (1 to 5)	Entry Blend (B) Variety (V) Experimental (E) Released (R)	Greenhouse germination (percent)	Emergence score (1 to 5)
Ag-Seeds					
King (V)(R)	98	4.3	A5618 (V)(R)	98	1.7
7250 (B)(R)	89	3.7	Bellatti		
Agrigenetics			Exp. W.W. (V)(E)	98	1.0
1101A (V)(E)	97	3.7	R-77-84 (V)(R)	97	2.3
1102A (V)(E)	96	1.0	Seedmaker 1E (V)(R)	98	1.0
2102A (V)(E)	95	1.3	Semi-Dwarf (V)(R)	99	1.3
3103B (B)(E)	94	3.0	Bergmann-Taylor		
4101A (V)(E)	97	5.0	BT330 (V)(R)	88	2.3
4103A (V)(E)	87	3.3	BT380 (V)(R)	81	1.7
4105A (V)(E)	96	5.0	BT390 (V)(R)	82	1.7
5101A (V)(E)	94	2.0	Callahan		
5103A (V)(E)	83	1.0	1250 (V)(R)	93	2.0
Agripro			1450 (V)(R)	97	5.0
AP 55 (V)(R)	91	2.0	3200 (V)(R)	100	4.0
AP 200 (V)(R)	92	5.0	3310 (B)(R)	86	2.0
AP 230 (V)(R)	93	5.0	3380 (B)(R)	97	1.7
AP 240 (V)(R)	98	4.0	9240R (V)(R)	93	3.0
AP 250 (V)(R)	94	1.0	CFS		
AP 350 (V)(R)	99	1.0	22 (V)(R)	96	2.0
AP 420 (V)(R)	100	1.0	23 (V)(R)	91	1.3
25 (V)(R)	96	3.7	31 (V)(R)	100	1.3
26 (V)(R)	95	3.7	34 (V)(R)	75	4.3
27 (V)(R)	96	5.0	Coker		
Agrisoy			XP 79-5 (V)(E)	97	1.0
215 (V)(R)	97	3.7	393 (V)(R)	99	2.0
220 (V)(R)	63	3.0	Dairyland		
225 (V)(R)	98	2.0	DSR-171 (V)(R)	94	1.0
Agro-Soy			DSR-207 (V)(R)	93	3.0
31 (V)(R)	88	1.7	DSR-212 (V)(R)	97	4.3
38 (V)(E)	94	5.0	DSR-227 (V)(R)	97	5.0
46 (V)(R)	93	1.3	DSR-232 (V)(R)	92	5.0
64 (V)(R)	98	2.7	DSR-303 (V)(R)	97	1.0
69 (V)(R)	98	3.3	DSR-312 (V)(R)	100	1.7
Americana			DSR-320 (V)(R)	99	1.0
B507 (V)(E)	99	2.7	DSR-352 (V)(R)	99	1.0
B508 (V)(E)	98	1.7	82-242 (V)(E)	95	3.7
B510 (V)(E)	99	1.7	De Soy		
B513 (V)(E)	100	3.3	307 (B)(E)	94	3.3
B515 (V)(E)	99	3.3	555E (B)(R)	97	2.7
B518 (V)(E)	96	3.3	606A (B)(E)	96	2.7
B519 (V)(E)	99	1.0	675 (B)(R)	100	4.3
B528 (V)(E)	97	1.0	700 (B)(E)	92	4.0
Clinton (V)(R)	95	1.7	730 (B)(E)	95	3.7
Clipper (V)(R)	81	2.7	750 (B)(R)	96	2.0
Concord (B)(R)	88	4.0	777A (B)(R)	99	3.3
Hancock (V)(R)	96	1.0	800 (B)(R)	94	3.0
Raelyn (V)(R)	100	3.7	808 (B)(E)	95	3.7
Rebel (V)(R)	99	1.0	875 (B)(R)	100	2.0
Revere (V)(R)	88	1.3	900 (B)(E)	97	1.7
XK505 (V)(R)	98	2.0	919 (B)(R)	97	1.7
XK585 (V)(R)	94	1.0	919A (B)(E)	94	2.3
Yankee (V)(R)	99	4.7	950A (B)(R)	98	3.7
Asgrow			975E (B)(R)	99	2.7
A1937 (V)(R)	95	3.0	Diener Bros.		
A2575 (V)(R)	94	3.3	DB210 (V)(R)	99	2.3
A2680 (V)(R)	95	3.3	DB28 (B)(R)	99	2.0
A2858 (V)(R)	95	1.0	DB310 (V)(R)	95	4.3
A3127 (V)(R)	97	1.0	DB340 (V)(R)	97	5.0
A3659 (V)(R)	92	2.3	Duesterhaus		
A3860 (V)(R)	97	1.0	L 14 (V)(R)	94	1.3
A4268 (V)(R)	96	1.7	L 12 (V)(R)	90	3.0
A5474 (V)(R)	98	3.0	L 13 (V)(R)	98	1.0

Germination and Emergence Scores (continued)

Entry	Blend (B)	Variety (V)	Greenhouse germination (percent)	Emergence score (1 to 5)	Entry	Blend (B)	Variety (V)	Greenhouse germination (percent)	Emergence score (1 to 5)
Experimental (E)	Released (R)				Experimental (E)	Released (R)			
Elite					J 112 (V) (R)				
			85	4.3				95	2.0
			97	3.3	JM Schultz				
			89	4.7				88	5.0
			99	2.0				91	1.3
FFR								98	4.3
			85	2.7				94	2.7
			92	1.7				96	2.7
			92	4.0				86	3.7
FS HiSoy								96	1.3
			95	2.0				93	1.3
			98	3.0	Kaltenberg				
			98	4.3				97	1.7
			97	1.7				85	2.3
			96	1.3	Geo. Keller & Sons Co.				
			93	1.3				96	1.7
			96	4.3				98	3.7
			94	2.7				98	2.0
			97	2.7				88	4.3
			98	2.0	Kitchen				
			100	1.3				98	2.0
			98	3.3				90	3.0
Fulvar								93	1.0
			91	3.0				99	1.0
			94	2.7	Kruger				
			95	1.0				100	4.0
			97	1.3				96	1.3
Funk								95	2.0
			92	1.0				95	3.7
			95	1.0				95	4.0
			97	4.7				87	3.3
			99	3.0				98	4.3
Furrow Seed Co.								97	1.3
			89	3.0				95	4.0
			97	1.7				89	4.3
			98	1.0				93	2.0
Gold Tag								93	2.3
			96	2.0				92	1.0
			83	5.0				99	1.0
			94	1.7				97	3.0
			96	1.0				93	3.7
			95	2.3				96	1.0
			84	3.7				97	4.3
Helena								99	4.0
			98	1.7				94	3.3
			89	1.0				94	2.7
Helena Brand								94	3.0
			100	1.0				92	4.0
			92	3.7				91	2.3
Helena Preferred								97	2.7
			86	2.7				95	3.0
Henkel Seeds								99	3.0
			94	1.0				96	2.0
			93	2.0				97	2.3
			96	1.7				96	2.7
			90	2.0	Landers				
Hoblit								93	1.7
			94	1.0				97	3.3
			98	1.7				87	3.0
			96	1.0	Lewis				
Jacques								95	4.3
			98	2.7				96	5.0
			94	3.3				95	2.0

Germination and Emergence Scores (continued)

Entry			Entry		
Blend (B)			Blend (B)		
Variety (V)	Greenhouse	Emergence	Variety (V)	Greenhouse	Emergence
Experimental (E)	germination	score	Experimental (E)	germination	score
Released (R)	(percent)	(1 to 5)	Released (R)	(percent)	(1 to 5)
Lewis, cont.			Midwest Oilseeds		
24 (V) (E)	95	3.3	3350 (V) (E)	100	2.3
31 (V) (R)	95	4.0	4310 (V) (E)	93	2.7
32A (B) (E)	97	3.0	Migro		
37 (V) (R)	95	4.7	Ex 1051 (V) (E)	94	1.7
43 (V) (R)	96	1.7	HP20-20 (V) (R)	88	2.3
45 (V) (E)	75	1.7	HP2530 (V) (R)	91	1.3
46 (V) (E)	89	3.7	HP3700 (V) (R)	70	4.7
49 (V) (E)	95	3.7	HP4800 (V) (R)	94	1.3
Lowe Seed			NAPB		
211 (V) (R)	85	3.7	EX 3016 (V) (E)	90	1.7
244 (V) (R)	87	3.0	EX 68225-14 (V) (E)	98	1.7
366 (V) (R)	94	1.3	EX 68225-32 (V) (E)	95	4.3
399A (V) (R)	96	1.7	EX 68225-40 (V) (E)	96	1.3
Masco			EX 73011 (V) (E)	99	5.0
Baron-82 (V) (R)	95	2.3	EX 73020 (V) (E)	99	2.0
Dynamo-82 (V) (R)	97	1.7	EX 73030-32 (V) (E)	91	5.0
422 (B) (R)	98	1.7	EX 73030-34 (V) (E)	96	3.7
4444 (B) (R)	97	3.0	EX 73053 (V) (E)	96	2.3
8133 (V) (R)	92	1.0	Noble		
8156 (V) (R)	98	1.0	NB 2100 (V) (R)	95	1.7
82-2 (B) (R)	90	3.7	NB 2121 (V) (R)	96	2.3
82-3 (B) (R)	91	2.7	NB 2600 (V) (R)	89	2.7
8255 (V) (R)	97	2.0	NB 3131 (V) (R)	88	2.0
McCubbin			Northrup King Co.		
Carson (V) (R)	99	3.3	MV24-59 (B) (R)	81	3.7
Ex 2240 (V) (E)	93	3.7	MV32-67 (B) (R)	96	2.0
Ex 2250 (V) (E)	100	4.3	MV39-19 (B) (R)	94	5.0
Ex 4290 (V) (E)	97	3.0	MV95 (B) (R)	96	1.7
Leo II (V) (R)	96	1.3	S1492 (V) (R)	88	3.3
Shiloh (V) (R)	95	3.3	S2596 (V) (R)	83	3.0
Troy II (V) (R)	99	2.3	S40-44 (V) (R)	96	5.0
IX-124 (V) (E)	94	3.0	367304 (B) (E)	84	2.7
McCurdy			708182 (V) (E)	91	4.7
ML3 (B) (R)	92	3.3	729178 (V) (E)	89	1.0
X204B (B) (E)	88	1.0	Paymaster		
X303B (B) (E)	95	3.7	201 (B) (R)	87	2.3
101+ (B) (R)	96	4.3	351 (V) (R)	96	3.7
102+ (B) (R)	95	3.3	401 (V) (R)	94	3.0
109+ (B) (R)	89	3.3	Pfizer Genetics		
308+ (B) (R)	92	1.0	CB391 (B) (R)	97	4.3
385B (B) (R)	89	2.0	CB425 (B) (R)	89	4.0
500A (B) (R)	94	3.3	CX155 (V) (R)	99	2.3
94+ (B) (R)	97	2.7	CX275 (V) (R)	89	3.0
Merschman			CX321 (V) (R)	93	3.7
Cheyenne II (V) (R)	93	3.7	CX380 (V) (R)	98	1.7
Cleveland (V) (R)	95	2.0	CX482 (V) (R)	97	3.0
Comanche (V) (R)	99	4.7	EC1147 (V) (E)	96	3.7
Dallas (V) (R)	87	5.0	EC2002 (B) (E)	97	2.3
Jefferson II (B) (R)	95	4.3	EC312 (V) (E)	90	2.7
Jefferson III (B) (R)	93	2.7	2ER-81 (B) (R)	94	3.3
Kennedy (V) (R)	89	4.7	Prairie State Commodities		
Navaho III (V) (R)	93	3.7	PSC 1403 (V) (E)	90	2.7
Richmond (V) (R)	93	1.7	PSC 1404 (V) (E)	100	2.3
Sauk (B) (R)	94	4.0	Pride		
Shawnee II (V) (R)	92	5.0	B203 (V) (R)	98	2.0
Truman II (V) (R)	94	3.3	B216 (V) (R)	99	2.7
Washington V (V) (R)	98	1.7	B242 (V) (R)	96	1.3
MFA Mosoy			PK352 Brand (B) (R)	94	2.3
PV42 (V) (R)	97	2.3	Public Variety		
480 (B) (R)	96	1.0	Amsoy 71 (V) (R)	96	1.3
582 (B) (R)	94	1.0	Beeson 80 (V) (R)	93	2.3

Germination and Emergence Scores (continued)

Entry			Entry		
Blend (B)			Blend (B)		
Variety (V)	Greenhouse	Emergence	Variety (V)	Greenhouse	Emergence
Experimental (E)	germination	score	Experimental (E)	germination	score
Released (R)	(percent)	(1 to 5)	Released (R)	(percent)	(1 to 5)
Public Variety, cont.					
BSR 201 (V) (R)	97	1.0	S 44A (B) (R)	99	2.3
Century (V) (R)	94	4.3	S 45C (B) (R)	93	1.3
Corsoy 79 (V) (R)	95	1.7	S 46C (B) (R)	93	1.3
Cumberland (V) (R)	95	3.0	S 47B (V) (R)	93	2.7
De Soto (V) (R)	98	4.7	S 47C (B) (R)	98	2.3
Elf (V) (R)	89	2.7	S 52A (B) (R)	93	2.3
Essex (V) (R)	93	2.0	S 56 (B) (R)	82	3.7
Fayette (V) (R)	99	2.3	S 56A (V) (R)	94	3.0
Franklin (V) (R)	91	1.3	S 60C (B) (R)	91	2.7
Gnome (V) (R)	98	4.3	Seedmakers		
Hardin (V) (R)	100	1.0	27291G (V) (E)	99	1.7
Hobbit (V) (R)	95	2.3	3-G (V) (R)	99	3.7
Lawrence (V) (R)	91	2.3	72118H (V) (E)	92	2.0
Nathan (V) (R)	93	3.3	8-C (V) (R)	98	1.7
Pella (V) (R)	98	1.7	9-E (V) (R)	89	4.0
Pixie (V) (R)	97	2.7	Shissler		
Sprite (V) (R)	93	1.0	GR8-263 (V) (R)	90	3.0
Union (V) (R)	89	2.3	GR8-265 (V) (R)	91	2.3
Weber (V) (R)	91	1.7	GR8-366 (V) (R)	95	4.3
Wells II (V) (R)	90	2.0	GR8-367 (V) (R)	95	4.3
Will (V) (R)	96	4.0	Sieben		
Williams 79 (V) (R)	92	3.3	SS 235 (V) (R)	89	3.0
Williams 82 (V) (R)	100	4.3	SS 222 (V) (R)	94	2.7
Rice			SRF		
2020 (V) (R)	95	1.0	205 (V) (R)	95	2.3
Ring Around			250 (V) (R)	89	3.7
Mitchell-450 (V) (R)	94	2.7	Stewart Hybrids		
RA-203 (V) (R)	94	2.0	Seedmakers 9-E (V) (R)	100	2.3
RA-31 (B) (R)	78	4.0	Stewart Seeds		
RA-36 (B) (R)	97	4.7	SB 3400 (V) (R)	84	4.7
RA-401 (V) (R)	90	2.0	SB 3700 (V) (R)	98	2.0
RA-403 (V) (R)	88	4.0	Stine		
RAX-100 (V) (E)	95	1.0	2050 (V) (R)	93	3.0
RAX-101 (V) (E)	88	2.7	3010 (V) (R)	98	2.3
RAX-102 (V) (E)	98	4.7	Supersoy		
RAX-103 (V) (E)	94	3.0	431 (B) (R)	94	1.3
RAX-84 (V) (E)	89	1.7	432 (V) (R)	95	2.3
RAX-86 (V) (E)	96	1.0	450 (B) (R)	94	2.3
RAX-87 (V) (E)	98	3.7	455 (B) (R)	91	4.3
RAX-88 (V) (E)	97	2.7	460A (B) (R)	88	4.3
RAX-89 (V) (E)	36	4.7	470 (B) (R)	90	1.7
RAX-90 (V) (E)	89	1.0	Taylor-Evans		
RAX-91 (V) (E)	97	1.0	Golden Acres 8350 (B) (R)	87	3.3
RAX-92 (V) (E)	97	2.0	Golden Acres 8450 (V) (R)	97	2.0
RAX-93 (V) (E)	91	2.3	Golden Acres 8490 (V) (R)	86	3.0
RAX-94 (V) (E)	92	4.3	Trisler		
RAX-95 (V) (E)	83	2.3	Trisoy 201 (V) (R)	98	1.0
RAX-96 (V) (E)	96	2.3	Trisoy 211 (V) (R)	97	3.0
RAX-97 (V) (E)	95	4.7	Trisoy 215 (V) (R)	92	1.7
RAX-98 (V) (E)	98	5.0	Trisoy 301 (V) (R)	93	2.0
RAX-99 (V) (E)	96	3.3	Trisoy 302 (B) (R)	91	1.7
Riverside			Trisoy 322 (V) (R)	94	4.7
202R (B) (R)	89	2.0	Voriss		
2024 (V) (R)	93	4.3	B202 (B) (R)	96	2.3
2025 (V) (R)	96	4.0	Exp. 0120 (V) (E)	98	5.0
303A (V) (R)	92	3.3	Exp. 0550 (V) (E)	99	3.0
3033 (V) (R)	95	1.3	Exp. 0811 (V) (E)	99	4.0
4042 (B) (R)	93	2.3	207 (V) (R)	98	1.0
4044 (B) (R)	91	4.0	247 (V) (R)	93	4.3
S Brand			257 (V) (R)	99	2.3
S 43B (B) (R)	94	3.7	285 (V) (R)	95	4.3
S 43C (B) (R)	97	1.7	295 (V) (R)	90	3.7

Germination and Emergence Scores (continued)

Entry			Entry		
Blend (B)			Blend (B)		
Variety (V)	Greenhouse	Emergence	Variety (V)	Greenhouse	Emergence
Experimental (E)	germination	score	Experimental (E)	germination	score
Released (R)	(percent)	(1 to 5)	Released (R)	(percent)	(1 to 5)
Voriss, cont.					
339 (V) (R)	95	2.7	2450 (B)	97	1.3
465 (V) (R)	98	4.7	3450 (B)	94	4.0
495 (V) (R)	97	4.3			
Wilken Brand					
2360 (B)	97	2.0	Average	94	2.7
2400 (V)	94	3.7	L.S.D. 10% Level	7	1.8
2445 (B)	93	1.7	Std. Err. of Mean	3	0.7

Soybean Variety Trial Results
DEKALB (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP I													
AGRIGENETICS													
1101A.....	48.4	9/11	1.3	36	1.0								
1102A.....	41.4	9/18	2.8	42	1.0								
ASGROW													
A1937.....	52.0	9/11	2.0	41	1.0	49.4	9/15	2.5	29	1.3			
DAIRYLAND													
DSR-171.....	48.4	9/19	2.5	43	1.0	48.2	9/19	2.3	33	1.7	41.9	1.7	1.0
GOLD TAG													
GT 1170.....	46.0	9/19	2.8	42	1.0	40.5	9/11	2.8	33	2.0	40.0	2.4	1.0
MC CURDY													
94+.....	45.1	9/16	2.7	39	1.0	44.5	9/20	2.5	32	1.0	39.0	2.0	1.0
PFIZER GENETICS													
CX155.....	45.9	9/18	3.7	41	1.0	46.2	9/17	3.0	35	2.0	33.0	3.0	1.0
EC2002.....	38.7	9/14	3.7	38	1.0								
PUBLIC VARIETY													
HARDIN.....	46.6	9/14	3.7	42	1.0	48.3	9/18	3.0	32	1.7	35.7	2.4	1.0
WEBER.....	40.1	9/19	3.5	39	1.0	41.8	9/16	3.0	33	1.7	33.4	4.0	1.0
AVERAGE.....	45.3	..	2.9	40	1.0	45.4	..	2.8	32	1.5	36.9	2.5	1.0
L.S.D. 10% LEVEL.....	4.2	..	0.6	2	..	..	..	0.5	3	..	4.9	..	..
L.S.D. 30% LEVEL.....	2.6	..	0.4	1	..	..	..	0.3	2	..	3.0	..	..
STD ERR OF MEAN.....	1.7	..	0.3	1	0.0	2.3	..	0.2	1	0.3	2.0	..	..
MATURITY GROUP II													
AGRIGENETICS													
2102A.....	39.2	9/28	3.1	48	1.0								
AGRIPRO													
AP 200.....	45.7	9/18	3.5	43	1.0	45.6	9/18	3.3	33	1.3	37.5	3.2	1.0
AP 230.....	46.1	9/19	1.0	35	1.0	44.9	9/23	1.5	36	1.0			
AP 240.....	51.8	9/27	2.3	39	1.0								
AGRISOY													
215.....	49.6	9/20	2.8	40	1.0								
220.....	41.9	9/24	2.0	39	1.0	49.4	9/25	2.7	37	1.0			
225.....	50.0	9/28	3.2	40	1.0								
AGRO-SOY													
31.....	45.9	9/21	3.2	42	1.0	57.9	9/27	1.8	35	1.7	49.5	2.8	1.0
AMERICANA													
B507.....	45.3	9/26	2.5	41	1.0								
B508.....	45.1	9/24	3.2	40	1.0								
CLIPPER.....	47.5	9/23	2.6	42	1.0	46.4	9/22	1.7	32	1.0			
XK505.....	39.7	9/25	2.8	44	1.0	53.0	9/28	1.8	36	1.3	36.8	1.7	1.0
YANKEE.....	48.2	9/29	2.9	43	1.0	57.6	10/01	2.2	35	1.3			
ASGROW													
A2575.....	49.8	9/20	2.6	42	1.0	47.0	9/20	1.7	36	1.0	39.6	1.3	1.0
A2680.....	43.8	9/22	3.0	36	1.0	49.0	9/25	3.0	35	1.3	41.1	2.8	1.0
BELLATTI													
R-77-84.....	44.2	9/25	3.2	41	1.0								
CALLAHAN													
1250.....	47.5	9/26	3.1	42	1.0	54.5	9/28	1.7	36	2.0			
3200.....	42.7	9/15	2.8	41	1.0								
CFS													
22.....	46.5	9/22	2.9	42	1.0	47.9	9/24	2.3	35	1.0	34.7	3.8	1.0
23.....	46.7	9/26	2.9	42	1.0	53.0	9/27	1.8	35	1.7			
DAIRYLAND													
DSR-207.....	45.6	9/22	2.7	40	1.0	41.9	9/23	1.7	31	1.7	39.5	1.4	1.0
DSR-212.....	46.6	9/23	2.9	42	1.0								
DSR-227.....	47.8	9/28	2.6	42	1.0	55.2	9/30	2.2	37	1.0			
DSR-232.....	48.6	9/29	3.4	40	1.0	49.9	9/28	2.5	34	1.3	39.3	2.2	1.0
82-242.....	43.8	9/28	3.6	45	1.0								
DE SOY													
307.....	45.3	9/17	3.2	43	1.0								
555E.....	46.8	9/18	3.0	42	1.0	51.7	9/27	3.2	35	2.0			
606A.....	48.3	9/23	3.1	45	1.0								
675.....	41.5	9/23	3.0	43	1.0								
730.....	51.6	9/30	2.8	45	1.0								
750.....	50.3	9/27	2.9	42	1.0	59.7	9/29	2.0	34	2.0	47.2	2.4	1.0
808.....	45.2	9/28	2.8	42	1.0								
FFR													
225.....	47.3	9/23	1.7	42	1.0								
FS HISOY													
HS 220.....	42.8	9/17	2.6	41	1.0	51.2	9/19	2.5	35	2.0	37.6	2.3	1.0
HS 235.....	47.2	9/28	3.5	48	1.0	56.3	9/30	2.7	35	1.0	41.2	2.2	1.0
HS 265.....	48.3	9/24	2.3	41	1.0	56.0	9/26	1.7	31	1.7	41.4	1.2	1.0
226.....	49.5	9/20	2.4	43	1.0	49.1	9/24	1.8	35	1.3			
280.....	45.6	9/25	2.8	43	1.0	58.2	9/29	1.7	36	1.3	46.2	1.3	1.0

DEKALB (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
FUNK													
G-3236.....	43.1	9/26	3.2	39	1.0	54.4	9/29	2.2	33	1.0	35.4	1.6	1.0
12155.....	40.5	9/28	2.5	38	1.0								
GOLD TAG													
BRAND 1270.....	46.0	9/26	2.8	41	1.0	51.9	9/29	2.0	34	2.0			
GT 1250.....	48.2	9/28	3.1	40	1.0	54.5	9/28	2.0	35	1.3	35.7	1.6	1.0
HENKEL SEEDS													
SUPER SOY 446.....	47.8	9/21	3.4	43	1.0	47.2	9/27	2.5	32	1.7			
SUPER SOY 530.....	45.3	9/17	2.9	43	1.0								
SUPER SOY 535.....	42.2	9/20	3.4	44	1.0								
SUPER SOY 594.....	40.4	9/17	3.3	45	1.0	52.5	9/23	2.5	36	1.7			
JACQUES													
J 103.....	47.4	9/21	2.5	40	1.0								
J M SCHULTZ													
JMS 2382.....	46.5	9/26	3.1	42	1.0	54.0	9/30	1.8	36	1.7			
SHAWNEE II.....	48.4	9/27	2.6	42	1.0	56.8	9/23	2.3	35	1.0	40.8	2.1	1.0
SHAWNEE.....	44.0	9/28	3.2	44	1.0	53.9	9/29	2.2	36	1.3	38.6	3.5	1.0
KALTENBERG													
KB 212.....	47.4	9/17	2.5	38	1.0								
KB 231.....	48.1	9/21	2.2	38	1.0								
KRUGER													
KB-210.....	45.5	9/17	3.1	42	1.0	49.7	9/20	2.7	34	2.0			
KB-211.....	50.8	9/17	3.0	41	1.0								
KB-212C.....	46.4	9/17	2.7	38	1.0								
KB-212.....	49.0	9/18	2.6	40	1.0								
KB-220.....	50.3	9/21	2.8	42	1.0	50.5	9/23	2.2	36	1.7			
KB-225.....	39.4	9/20	3.3	45	1.0								
KB-230.....	43.9	9/28	2.8	41	1.0	52.6	9/19	1.8	36	1.7			
KB-240.....	41.5	9/18	2.7	43	1.0								
KB-250.....	48.7	9/26	3.0	41	1.0								
K-2000.....	51.2	9/22	2.1	42	1.0	53.3	9/23	2.3	36	1.0			
K-2001C.....	48.4	9/21	2.8	41	1.0								
LEWIS													
21.....	44.2	9/29	2.6	43	1.0	54.7	9/31	1.8	34	1.0	42.7	1.5	1.0
LOWE SEED													
211.....	44.8	9/25	2.9	43	1.0								
MASCO													
BARON-82.....	43.9	9/25	3.4	42	1.0								
8133.....	40.0	9/21	3.0	41	1.0	39.1	9/22	2.0	35	1.7			
82-2.....	45.9	9/26	2.9	46	1.0	50.5	9/26	2.2	35	1.3			
MC CUBBIN													
EX 2240.....	45.2	9/16	3.1	39	1.0								
EX 2250.....	47.9	9/23	2.9	40	1.0								
SHILOH.....	44.4	9/25	3.1	42	1.0	49.8	9/23	2.7	33	1.3			
1X-124.....	50.0	9/28	2.4	41	1.0	53.4	9/29	1.5	33	1.7			
MC CURDY													
X204B.....	44.3	9/21	2.8	44	1.0								
101+.....	42.3	9/26	2.8	47	1.0	47.1	9/27	2.5	36	1.3	35.7	1.8	1.0
102+.....	42.9	9/17	3.2	43	1.0	43.9	9/22	2.7	35	1.7	34.2	3.0	1.0
MERSCHMAN													
CHEYENNE II.....	48.2	9/28	2.5	40	1.0								
COMANCHE.....	50.1	9/22	2.4	40	1.0								
NAVAHO III.....	50.3	9/20	2.8	45	1.0	50.3	10/04	2.0	41	1.0			
SAUK.....	45.3	9/27	3.1	42	1.0	51.7	9/27	2.2	36	1.7	36.7	2.2	1.0
SHAWNEE II.....	44.4	9/25	3.0	42	1.0	50.1	9/24	2.8	34	1.3	37.7	1.7	1.0
MIGRO													
HP20-20.....	47.4	9/14	3.7	40	1.0	46.5	9/19	2.8	32	1.3	42.6	2.1	1.0
HP2530.....	49.4	9/21	2.2	38	1.0	55.3	9/25	2.2	35	1.3	42.3	1.8	1.0
NAPB													
EX 3016.....	41.9	9/14	2.3	40	1.0								
EX 73020.....	51.3	9/27	3.0	40	1.0								
EX 73053.....	44.1	9/27	2.3	39	1.0								
NOBLE													
NB 2100.....	43.0	9/24	2.5	44	1.0	43.0	9/24	2.7	38	1.3	37.5	2.3	1.0
NB 2121.....	45.5	9/22	3.4	43	1.0								
NB 2600.....	40.9	9/24	2.6	40	1.0								
NORTHROP KING CO.													
MV24-59.....	46.1	9/24	2.6	39	1.0	53.7	9/28	2.3	32	2.0			
S1492.....	45.5	9/25	3.3	37	1.0	48.3	9/23	2.3	32	2.0	46.3	1.2	1.0
S2596.....	49.6	9/23	2.2	39	1.0	49.0	9/26	2.2	32	1.0	45.5	1.1	1.0
PAYMASTER													
201.....	46.1	9/14	3.1	42	1.0	41.3	9/18	2.3	32	2.0	36.6	1.6	1.0
PFIZER GENETICS													
2ER-81.....	41.6	9/16	3.3	45	1.0								
PRIDE													
B203.....	50.4	9/20	3.7	39	1.0								
B216.....	47.4	9/22	3.3	41	1.0	50.8	9/23	2.3	33	2.0	40.2	1.7	1.0
B242.....	45.8	9/24	2.3	43	1.0								
PUBLIC VARIETY													
AMSOY 71.....	41.0	9/27	3.7	48	1.0	51.1	9/26	2.8	36	1.0	31.6	2.7	1.0
BEESON 80.....	44.8	9/22	3.1	43	1.0	51.6	9/27	2.2	34	1.3	39.4	1.9	1.0
BSR 201.....	56.4	9/28	2.4	39	1.0								
CENTURY.....	40.8	9/22	2.7	42	1.0	54.6	9/29	1.5	34	1.0	38.2	1.4	1.0
CORSOY 79.....	38.1	9/15	3.2	43	1.0	46.5	9/23	3.0	34	1.0	33.2	2.7	1.0
GNOME.....	48.2	9/30	1.2	25	1.0	55.3	9/19	1.8	27	1.0	45.2	1.0	1.0
WELLS II.....	43.6	9/17	2.4	43	1.0	48.2	9/18	1.7	35	2.0	36.3	1.3	1.0

DEKALB (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
RIVERSIDE													
303A.....	49.5	9/27	2.5	43	1.0								
4042.....	45.3	9/24	3.2	45	1.0	47.5	9/23	2.2	37	1.0	41.9	1.7	1.0
4044.....	48.9	9/26	3.2	45	1.0	48.6	9/20	2.5	37	1.3			
SIEBEN													
SS 222.....	47.6	9/18	2.6	37	1.0								
SS 235.....	47.8	9/26	3.0	42	1.0								
SRF													
205.....	44.2	9/20	3.2	40	1.0	46.3	9/14	3.2	29	1.3			
250.....	49.1	9/28	1.4	40	1.0	45.8	9/28	1.7	34	1.3	44.8	1.1	1.0
STINE													
2050.....	47.2	9/28	3.1	43	1.0	53.8	9/30	1.7	35	1.3			
SUPERSOY													
431.....	46.9	9/21	2.8	40	1.0								
432.....	48.6	9/23	2.6	39	1.0								
S BRAND													
S 43B.....	49.1	9/17	2.7	36	1.0								
S 43C.....	44.5	9/17	2.6	40	1.0								
S 44A.....	48.1	9/16	3.0	39	1.0								
S 45C.....	48.8	9/22	3.0	39	1.0								
S 46C.....	49.0	9/28	2.9	43	1.0								
S 47B.....	49.6	9/28	2.5	42	1.0								
S 47C.....	44.4	9/23	2.6	41	1.0								
VORIS													
B202.....	43.5	9/17	3.1	41	1.0	49.6	9/19	2.5	33	1.7			
EXP. 0811.....	49.6	9/24	2.5	42	1.0								
207.....	47.1	9/14	3.0	40	1.0	48.9	9/21	2.0	35	1.3			
247.....	49.6	9/20	2.2	41	1.0	50.3	9/23	1.3	31	1.0			
285.....	43.6	9/28	3.8	46	1.0								
AVERAGE.....	45.9	..	2.8	42	1.0	49.5	..	2.2	35	1.4	38.5	2.3	1.0
L.S.D. 10% LEVEL.....	3.6	..	0.5	3	..	5.4	..	0.5	3	0.6	6.0	..	..
L.S.D. 30% LEVEL.....	2.3	..	0.3	2	..	3.4	..	0.3	2	0.4	3.7	..	..
STD ERR OF MEAN.....	1.6	..	0.2	1	0.0	2.3	..	0.2	1	0.3	2.5	..	..
MATURITY GROUP III													
AGRIPRO													
AP 250.....	51.4	10/01	2.5	44	1.0	57.4	9/30	2.0	36	1.0	37.1	2.6	1.0
AGRO-SOY													
38.....	52.9	10/02	3.2	43	1.0								
46.....	42.9	10/02	3.5	43	1.0								
CFS													
31.....	47.5	10/04	3.7	45	1.0	49.8	10/06	3.3	34	1.0	43.7	3.0	1.0
34.....	44.4	9/29	2.8	44	1.0	52.6	10/05	2.2	33	1.0	36.4	1.6	1.0
FUNK													
G-3340.....	42.0	10/02	3.8	42	1.0	49.5	10/03	3.3	32	1.0	40.3	2.5	1.0
12172.....	40.4	9/28	3.5	44	1.0								
MASCO													
DYNAMO-82.....	45.9	10/06	3.7	42	1.0								
422.....	42.1	10/02	3.7	47	1.0								
4444.....	42.5	10/09	3.5	46	1.0								
8255.....	53.0	9/27	2.7	46	1.0								
MC CUBBIN													
LEO II.....	48.1	10/04	3.7	45	1.0	52.9	10/05	3.2	36	1.0			
TROY II.....	45.4	10/06	3.3	44	1.0								
MERSCHMAN													
JEFFERSON III.....	50.3	10/02	3.2	42	1.0								
TRUMAN II.....	51.1	10/02	3.2	43	1.0								
WASHINGTON V.....	44.3	10/05	3.5	44	1.0	53.6	10/06	3.5	34	1.0			
NAPB													
EX 73011.....	44.5	10/02	3.8	43	1.0								
EX 73030-34.....	43.3	9/27	2.8	41	1.0								
PUBLIC VARIETY													
CUMBERLAND.....	38.3	10/02	3.5	44	1.0	50.3	10/03	2.8	33	1.0	35.0	1.9	1.0
PELLA.....	44.8	9/30	3.2	41	1.0	52.4	10/02	2.0	36	1.0	36.1	1.2	1.0
SPRITE.....	49.8	10/06	1.5	30	1.0	53.8	10/05	1.3	25	1.0	44.8	1.0	1.0
WILLIAMS 82.....	40.9	10/06	3.3	44	1.0								
RIVERSIDE													
3033.....	51.3	9/28	2.8	41	1.0								
AVERAGE.....	46.0	..	3.2	43	1.0	52.4	..	2.6	33	1.0	38.5	2.1	1.0
L.S.D. 10% LEVEL.....	4.5	..	0.4	4	..	3.9	..	0.3	4	..	4.4	..	..
L.S.D. 30% LEVEL.....	2.8	..	0.3	2	..	2.4	..	0.2	3	..	2.8	..	..
STD ERR OF MEAN.....	1.9	..	0.2	2	0.0	1.6	..	0.1	2	0.0	1.9	..	..

Soybean Variety Trial Results

ELWOOD (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP I													
ASGROW													
A1937.....	55.9	9/25	1.4	41	1.0	45.8	9/12	2.8	31	1.0			
GOLD TAG													
GT 1170.....	46.6	9/20	2.0	45	1.0								
PFIZER GENETICS													
CX155.....	45.2	9/19	3.8	31	1.0								
EC2002.....	46.6	9/21	2.2	42	1.0								
PUBLIC VARIETY													
HARDIN.....	50.5	9/21	3.7	45	1.0	39.1	9/14	3.7	31	1.0	46.0	1.8	1.0
WEBER.....	40.7	9/21	4.1	41	1.0	42.9	9/17	3.2	35	1.0	49.9	1.7	1.0
AVERAGE.....	47.6	..	2.9	41	1.0	45.3	..	2.8	36	1.0	52.1	1.7	1.0
L.S.D. 10% LEVEL.....	5.1	..	0.3	3	..	5.4	..	0.7	3	..	7.3	..	..
L.S.D. 30% LEVEL.....	3.1	..	0.2	2	..	3.4	..	0.5	2	..	4.6	..	..
STD ERR OF MEAN.....	2.0	..	0.1	1	0.0	2.3	..	0.3	1	0.0	3.1	..	..
MATURITY GROUP II													
AGRIPRO													
AP 230.....	50.4	9/21	1.3	40	1.0	41.2	9/24	1.3	37	1.0			
AP 240.....	51.8	9/23	1.3	40	1.0								
AGRISOY													
220.....	52.2	9/27	1.8	47	1.0								
225.....	51.6	10/01	3.8	44	1.0								
AGRO-SOY													
31.....	52.2	9/27	3.2	42	1.0	48.0	9/24	2.5	35	1.0	57.8	1.9	1.0
AMERICANA													
B508.....	45.2	9/29	2.8	43	1.0								
B519.....	42.6	9/28	3.4	46	1.0								
CLINTON.....	54.8	10/02	2.5	46	1.0	48.0	10/03	2.3	41	1.0			
CLIPPER.....	50.2	9/26	2.7	41	1.0	48.7	9/19	2.7	37	1.0			
YANKEE.....	48.5	9/30	3.7	43	1.0	47.9	9/27	3.3	41	1.0			
ASGROW													
A2575.....	53.7	9/22	1.5	47	1.0	46.3	9/21	1.5	33	1.0	54.6	1.4	1.0
A2680.....	52.0	9/23	1.5	41	1.0	44.6	9/23	3.2	36	1.0			
A2858.....	43.0	9/24	2.8	42	1.0	41.2	9/23	2.7	32	1.0	42.6	1.7	1.0
BELLATTI													
R-77-84.....	51.7	9/27	2.9	44	1.0								
CALLAHAN													
1250.....	48.3	9/27	4.3	42	1.0	51.4	9/30	2.0	37	1.0			
9240R.....	49.6	9/23	2.8	42	1.0	47.2	9/28	2.7	36	1.0	59.3	2.4	1.0
CFS													
22.....	47.4	9/26	2.7	46	1.0	43.6	9/21	3.2	37	1.0	54.1	2.3	1.0
23.....	52.9	10/01	3.1	42	1.0	47.9	9/27	2.7	37	1.0			
DAIRYLAND													
DSR-207.....	46.3	9/22	3.4	41	1.0	45.7	9/20	3.0	34	1.0			
DSR-212.....	47.3	9/16	2.8	39	1.0								
DSR-227.....	50.0	9/25	3.3	45	1.0	47.6	9/26	3.7	40	1.0			
DSR-232.....	48.9	9/30	3.8	43	1.0	44.9	9/24	3.2	37	1.0			
82-242.....	49.8	9/30	4.0	44	1.0								
DIENER BROS.													
DB210.....	50.0	9/28	2.5	42	1.0	48.1	9/23	2.2	36	1.0	60.5	1.4	1.0
DB28.....	52.6	9/27	3.7	45	1.0								
ELITE													
81-2.....	47.2	9/26	3.0	44	1.0								
FS HISOY													
HS 220.....	50.4	9/19	3.1	45	1.0	40.1	9/11	2.7	34	1.0	46.0	1.5	1.0
HS 235.....	50.5	9/26	3.0	44	1.0	46.9	9/24	4.2	37	1.0	53.1	2.9	1.0
HS 265.....	50.3	9/26	1.1	42	1.0	45.3	9/25	2.0	36	1.0	58.6	1.2	1.0
226.....	50.1	9/21	2.7	42	1.0	47.0	9/20	2.8	34	1.0			
280.....	47.8	9/26	3.4	43	1.0	47.5	9/28	2.2	37	1.0	60.2	2.6	1.0
FUNK													
G-3236.....	45.5	9/23	3.6	41	1.0	39.7	9/19	3.3	35	1.0	49.9	1.6	1.0
12155.....	48.2	9/27	1.5	42	1.0								
GOLD TAG													
GT 1250.....	45.2	9/28	3.2	39	1.0								
HENKEL SEEDS													
SUPER SOY 446.....	49.0	9/28	3.4	44	1.0								
SUPER SOY 594.....	49.4	9/21	3.4	44	1.0	41.3	9/22	2.8	38	1.0			
J M SCHULTZ													
JMS 2382.....	46.6	9/29	4.2	41	1.0	48.6	9/26	2.8	36	1.0			
SHAWNEE II.....	46.3	9/26	2.8	42	1.0	48.4	9/22	2.8	35	1.0			
SHAWNEE.....	51.5	10/01	3.7	45	1.0	46.0	9/24	2.8	41	1.0			
LANDERS													
2908.....	47.8	9/30	3.3	42	1.0								
LEWIS													
20.....	47.0	9/29	3.8	43	1.0	56.6	9/27	3.2	39	1.0			
24.....	49.8	9/28	3.0	48	1.0								

ELWOOD (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MASCO													
BARON-82.....	50.1	9/29	4.0	42	1.0								
82-2.....	48.9	9/29	2.9	49	1.0	49.5	9/25	2.5	36	1.0			
MC CUBBIN													
EX 2240.....	45.7	9/19	2.9	40	1.0								
EX 2250.....	50.4	9/23	1.8	44	1.0								
SHILOH.....	46.5	9/25	2.7	45	1.0	47.4	9/27	2.3	36	1.0			
1X-124.....	51.6	9/30	3.5	41	1.0	52.8	9/27	2.2	37	1.0			
MERSCHMAN													
CHEYENNE II.....	51.4	10/01	3.8	42	1.0								
COMANCHE.....	52.5	9/22	1.8	43	1.0								
NAVAHO III.....	47.1	9/22	1.7	41	1.0								
SAUK.....	50.8	10/01	2.9	43	1.0								
SHAWNEE II.....	45.1	9/22	3.4	42	1.0	47.6	9/23	2.8	38	1.0			
MIGRO													
HP20-20.....	46.6	9/14	4.2	45	1.0	44.8	9/13	4.2	28	1.0	51.9	2.3	1.0
HP2530.....	50.0	9/27	1.7	39	1.0	42.7	9/23	2.8	40	1.0	51.7	1.6	1.0
NAPB													
EX 3016.....	52.3	9/20	1.7	46	1.0								
EX 73020.....	51.8	9/27	3.7	40	1.0								
EX 73053.....	50.4	9/24	1.7	43	1.0								
NOBLE													
NB 2600.....	44.5	9/25	3.0	40	1.0	47.2	9/25	2.3	35	1.0			
NORTHROP KING CO.													
MV24-59.....	50.8	9/23	2.6	41	1.0	47.4	9/24	3.5	35	1.0			
S1492.....	48.6	9/24	3.3	43	1.0	48.8	9/21	3.3	34	1.0	59.7	2.0	1.0
S2596.....	53.4	9/22	1.5	39	1.0	47.2	9/24	3.0	33	1.0	54.6	1.8	1.0
PAYMASTER													
201.....	42.0	9/19	4.1	41	1.0								
PFIZER GENETICS													
2ER-81.....	51.0	9/25	2.5	47	1.0								
PRIDE													
B203.....	51.2	9/19	2.5	42	1.0	51.7	9/15	2.8	34	1.0			
B242.....	48.0	9/29	3.1	44	1.0								
PUBLIC VARIETY													
AMSOY 71.....	46.9	9/23	4.3	48	1.0	44.5	9/23	3.3	40	1.0	50.0	2.2	1.0
BEESON 80.....	44.1	9/23	2.0	41	1.0	42.8	9/24	2.5	38	1.0	48.1	1.3	1.0
BSR 201.....	56.8	9/27	2.7	40	1.0								
CENTURY.....	46.9	9/24	1.5	45	1.0	36.7	9/27	1.3	38	1.0	50.8	1.4	1.0
CORSOY 79.....	49.8	9/23	3.7	46	1.0	45.7	9/19	3.7	37	1.0	44.6	2.1	1.0
GNOME.....	56.5	10/01	1.2	25	1.0	48.9	9/28	2.5	22	1.0	56.2	1.2	1.0
WELLS II.....	49.4	9/22	1.4	47	1.0	45.5	9/23	2.2	40	1.0	51.0	1.6	1.0
RIVERSIDE													
303A.....	49.4	9/23	3.3	45	1.0								
4042.....	50.4	9/26	3.4	46	1.0	44.4	9/19	3.0	36	1.0	54.5	1.7	1.0
4044.....	46.4	9/25	3.9	44	1.0	45.7	9/21	3.7	35	1.0			
SRF													
205.....	51.8	9/23	2.2	46	1.0	46.7	9/20	3.3	38	1.0			
250.....	47.1	9/29	1.3	45	1.0	46.2	9/25	1.7	39	1.0	51.4	1.2	1.0
STINE													
2050.....	47.7	9/29	3.8	41	1.0	52.1	9/28	1.8	36	1.0			
SUPERSOY													
431.....	50.5	9/26	1.8	42	1.0								
432.....	50.2	10/01	3.2	42	1.0								
S BRAND													
S 43B.....	49.2	9/21	3.6	41	1.0								
S 43C.....	46.9	9/22	3.3	42	1.0								
S 44A.....	58.7	9/25	4.0	40	1.0								
S 45C.....	53.7	9/29	2.5	40	1.0								
S 46C.....	48.8	10/01	3.8	42	1.0								
S 47B.....	56.6	10/02	2.8	43	1.0								
S 47C.....	52.2	9/27	3.2	43	1.0								
TRISLER													
TRISDY 201.....	46.8	9/28	2.8	49	1.0	43.2	9/22	4.0	37	1.0			
TRISDY 211.....	55.5	9/30	3.3	43	1.0	45.1	9/24	2.8	39	1.0			
TRISDY 215.....	47.9	9/27	2.3	44	1.0								
VORIS													
EXP. 0811.....	49.3	9/29	2.1	46	1.0								
247.....	50.0	9/21	1.5	43	1.0	46.9	9/21	1.3	29	1.0	51.6	1.1	1.0
285.....	46.4	10/01	3.6	49	1.0	44.9	9/28	3.3	41	1.0	50.6	2.3	1.0
295.....	51.3	10/01	2.6	50	1.0	47.6	9/29	3.0	44	1.0	48.7	3.0	1.0
WILKEN BRAND													
2400.....	54.3	9/23	3.0	43	1.0								
2445.....	47.8	9/23	4.0	42	1.0								
2450.....	47.3	9/23	2.8	46	1.0								
AVERAGE.....	49.5	..	2.9	43	1.0	45.3	..	2.8	36	1.0	52.1	1.7	1.0
L.S.D. 10% LEVEL.....	6.3	..	0.9	3	..	5.4	..	0.7	3	..	7.3	..	..
L.S.D. 30% LEVEL.....	3.9	..	0.6	2	..	3.4	..	0.5	2	..	4.6	..	..
STD ERR OF MEAN.....	2.7	..	0.4	1	0.0	2.3	..	0.3	1	0.0	3.1	..	..

ELWOOD (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP III													
AGRIPRO													
AP 250.....	46.6	10/01	1.8	48	1.0	45.1	9/29	2.5	40	1.0	45.2	1.4	1.0
AGRO-SOY													
46.....	49.4	10/02	2.6	45	1.0								
ASGROW													
A3127.....	58.0	10/02	1.3	44	1.0	47.7	10/02	1.7	38	1.0	58.1	1.2	1.0
CFS													
31.....	43.4	9/30	3.3	44	1.0	43.2	10/02	4.0	41	1.0	49.3	2.1	1.0
34.....	40.7	9/30	3.7	42	1.0	34.9	9/29	2.3	39	1.0	48.7	1.6	1.0
DAIRYLAND													
DSR-303.....	38.2	9/29	3.3	45	1.0								
DSR-312.....	39.5	10/03	3.8	49	1.0								
DSR-320.....	47.1	10/05	3.3	43	1.0								
DSR-352.....	32.4	10/04	3.4	41	1.0								
DIENER BROS.													
DB310.....	44.4	10/02	3.4	41	1.0	35.0	9/24	2.7	40	1.0	52.3	1.5	1.0
DB340.....	45.1	10/01	2.5	45	1.0	37.1	*	2.5	40	1.0	45.1	1.4	1.0
FS HISOY													
HS 320.....	50.2	10/03	3.6	50	1.0								
HS 322.....	44.7	9/30	2.5	44	1.0								
FUNK													
G-3340.....	46.2	10/01	2.6	45	1.0	35.3	9/28	3.2	38	1.0	46.5	1.8	1.0
12172.....	38.2	9/29	1.6	41	1.0								
J M SCHULTZ													
JMS 3482.....	37.7	10/01	2.8	42	1.0								
LANDERS													
3912.....	46.8	10/05	2.9	47	1.0								
LEWIS													
32A.....	55.4	9/30	3.1	43	1.0								
MASCO													
8255.....	52.0	9/21	1.6	43	1.0								
82-3.....	51.1	9/28	2.9	42	1.0	39.8	10/03	2.7	41	1.0			
MC CUBBIN													
LED II.....	55.7	10/03	3.0	47	1.0	45.0	9/30	3.2	39	1.0			
TROY II.....	41.3	10/01	2.7	44	1.0								
MERSCHMAN													
JEFFERSON III.....	48.2	10/01	2.7	44	1.0								
TRUMAN II.....	50.4	10/02	1.9	45	1.0								
WASHINGTON V.....	48.8	10/02	3.2	46	1.0	44.0	9/29	3.7	39	1.0			
NAPB													
EX 73030-34.....	43.1	9/22	1.8	38	1.0								
PRIDE													
PK352.....	50.7	9/29	2.9	45	1.0	41.3	10/02	4.0	38	1.0			
PUBLIC VARIETY													
CUMBERLAND.....	47.0	9/30	2.8	43	1.0	35.4	9/26	2.8	40	1.0	51.5	1.3	1.0
ELF.....	56.6	10/07	1.0	27	1.0	49.7	*	2.2	21	1.0	52.5	1.1	1.0
FAYETTE.....	53.1	10/08	1.5	46	1.0	47.0	*	2.3	41	1.0			
HOBBIT.....	51.2	10/03	1.0	25	1.0	46.3	10/02	2.5	22	1.0			
PELLA.....	44.0	9/24	1.8	45	1.0	35.3	9/26	1.8	42	1.0	48.6	1.3	1.0
SPRITE.....	52.6	10/02	1.0	28	1.0	48.2	10/03	3.3	21	1.0	51.2	1.3	1.0
WILLIAMS 79.....	49.3	10/03	2.7	46	1.0	42.7	*	3.0	43	1.0	46.0	1.5	1.0
WILLIAMS 82.....	45.1	10/02	2.7	45	1.0	39.3	*	2.2	44	1.0			
WILL.....	49.1	9/30	2.0	43	1.0	40.3	10/02	2.0	38	1.0	51.7	1.4	1.0
RIVERSIDE													
3033.....	49.1	9/30	3.3	41	1.0								
AVERAGE.....	47.1	..	2.6	43	1.0	40.1	..	2.8	38	1.0	48.9	1.7	1.0
L.S.D. 10% LEVEL.....	8.6	..	0.6	3	..	4.7	..	0.5	3	..	..	..	..
L.S.D. 30% LEVEL.....	5.4	..	0.4	2	..	3.0	..	0.3	2	..	..	..	..
STD ERR OF MEAN.....	3.6	..	0.2	1	0.0	2.0	..	0.2	1	0.0	3.3	..	..

* KILLED BY FROST.

Soybean Variety Trial Results ELWOOD (7-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP I													
ASGROW													
A1937.....	53.9	9/13	1.7	43	1.0	52.8	9/12	1.5	30	1.0			
DAIRYLAND													
DSR-171.....	54.9	9/19	1.7	42	1.0								
GOLD TAG													
GT 1170.....	52.6	9/20	2.0	44	1.0								
PFIZER GENETICS													
CX155.....	53.7	9/20	2.3	43	1.0								
EC2002.....	54.2	9/20	2.2	42	1.0								
PUBLIC VARIETY													
HARDIN.....	60.0	9/27	2.5	43	1.0	54.0	9/14	3.5	33	1.0	44.2	1.4	1.0
WEBER.....	51.5	9/21	2.0	45	1.0						40.7	1.3	1.0
AVERAGE.....	54.4	..	2.0	43	1.0	52.5	..	2.0	34	1.0	47.4	1.1	1.0
L.S.D. 10% LEVEL.....	..	..	0.3	..	..	7.5	..	0.9	5	..	6.7	..	..
L.S.D. 30% LEVEL.....	..	..	0.2	..	..	4.7	..	0.5	3	..	4.2	..	..
STD ERR OF MEAN.....	2.4	..	0.1	1	0.0	3.2	..	0.4	2	0.1	2.9	..	..
MATURITY GROUP II													
AGRIPRO													
AP 230.....	48.1	9/26	1.0	36	1.0	45.1	9/18	1.5	34	1.0			
AP 240.....	48.1	9/30	1.7	38	1.0								
AGRISOY													
220.....	51.8	9/28	2.3	47	1.0								
225.....	64.3	9/30	3.2	43	1.0								
AGRO-SOY													
31.....	64.5	10/02	2.7	45	1.0	51.3	9/25	2.0	34	1.0			
AMERICANA													
CLIPPER.....	50.6	9/28	1.7	41	1.0								
YANKEE.....	49.5	10/01	2.2	45	1.0	53.4	9/25	2.8	40	1.0			
ASGROW													
A2575.....	55.9	9/23	1.5	45	1.0	56.3	9/14	1.3	31	1.0	46.4	1.2	1.0
A2858.....	55.7	10/01	2.2	41	1.0	44.5	9/20	2.3	34	1.0	50.8	1.3	1.0
CALLAHAN													
1250.....	65.2	10/01	2.3	42	1.0	53.4	9/27	1.3	31	1.0			
3200.....	57.1	9/23	2.0	44	1.0								
9240R.....	53.8	9/27	2.0	42	1.0	53.8	9/26	1.3	34	1.0	55.0	1.2	1.0
CFS													
23.....	56.2	10/01	2.2	43	1.0								
DAIRYLAND													
DSR-207.....	51.7	9/29	1.8	43	1.0	48.2	9/22	1.8	31	1.0			
DSR-212.....	53.4	9/27	2.0	40	1.0								
DSR-227.....	53.5	10/01	2.2	43	1.0	56.6	9/25	2.3	35	1.0			
DSR-232.....	59.7	10/02	2.8	45	1.0	43.9	9/23	1.7	34	1.0			
82-242.....	52.2	10/02	2.8	45	1.0								
DIENER BROS.													
DB210.....	58.1	10/01	1.8	43	1.0	56.8	9/24	1.8	34	1.0	53.0	1.2	1.0
DB28.....	60.2	9/28	1.8	43	1.0								
FS HISOY													
HS 220.....	57.9	9/19	2.0	45	1.0	47.8	9/14	1.5	34	1.0	41.1	1.2	1.0
HS 235.....	57.7	9/29	2.3	48	1.0	61.8	9/25	3.0	35	1.0			
HS 265.....	54.1	10/01	1.3	40	1.0	50.0	9/19	1.7	34	1.0	58.2	1.2	1.0
226.....	59.0	9/28	2.0	43	1.0	68.1	9/21	1.7	32	1.0			
280.....	53.8	10/03	1.8	42	1.0	50.1	9/27	1.7	34	1.0	51.8	1.1	1.0
FUNK													
G-3236.....	54.1	9/30	2.0	44	1.0	50.6	9/21	1.8	35	1.0	47.1	1.2	1.0
12155.....	52.3	10/01	1.7	41	1.0								
GOLD TAG													
GT 1250.....	53.8	9/30	1.8	41	1.0								
HENKEL SEEDS													
SUPER SOY 446.....	56.9	9/23	2.2	43	1.0								
SUPER SOY 594.....	55.0	9/28	1.8	45	1.0	54.6	9/23	2.8	36	1.0			
JACQUES													
J 103.....	58.2	9/30	2.7	43	1.0								
J M SCHULTZ													
JMS 2382.....	61.0	10/01	2.8	43	1.0								
SHAWNEE II.....	54.4	10/01	2.2	43	1.0	50.0	9/25	1.5	29	1.0			
SHAWNEE.....	51.7	10/03	2.3	44	1.0	64.4	9/24	2.0	38	1.0			
LANDERS													
2908.....	62.4	10/01	2.5	44	1.0								
MASCO													
8133.....	54.4	9/30	2.7	43	1.0	49.1	9/17	2.2	33	1.0			
82-2.....	53.0	10/01	1.7	49	1.0	49.9	9/28	1.5	31	1.0			

ELWOOD (7-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MC CUBBIN													
EX 2240.....	55.7	9/27	2.3	40	1.0								
EX 2250.....	55.6	9/29	1.7	41	1.0								
SHILOH.....	56.2	9/27	2.2	41	1.0	54.2	9/26	1.8	34	1.0			
1X-124.....	58.4	9/30	1.7	43	1.0	60.6	9/30	1.5	31	1.0			
MERSCHMAN													
CHEYENNE II.....	60.2	10/01	2.2	41	1.0								
COMANCHE.....	53.9	9/27	1.5	40	1.0								
NAVAHO III.....	53.2	9/29	1.8	44	1.0								
SAUK.....	58.4	10/02	2.3	43	1.0								
SHAWNEE II.....	55.1	9/30	2.0	42	1.0	57.7	9/24	2.0	40	1.0			
MIGRO													
HP20-20.....	50.7	9/19	3.5	42	1.0	52.6	9/16	2.0	30	1.0	50.4	1.2	1.0
HP2530.....	51.6	9/28	1.7	38	1.0	54.6	9/23	1.8	36	1.0	49.7	1.3	1.0
NOBLE													
NB 2600.....	57.2	9/30	2.2	42	1.0	51.2	9/23	1.7	34	1.0			
NORTHROP KING CO.													
MV24-59.....	55.6	9/27	2.0	43	1.0	57.2	9/25	1.5	32	1.0			
S1492.....	55.9	9/28	1.8	41	1.0	59.6	9/17	2.2	33	1.0	54.0	1.3	1.0
S2596.....	54.8	9/28	1.7	36	1.0	56.6	9/19	2.0	31	1.0	45.6	1.3	1.0
PFIZER GENETICS													
CX275.....	51.6	9/30	2.5	42	1.0								
2ER-81.....	55.1	9/27	2.5	47	1.0								
PUBLIC VARIETY													
AMSOY 71.....	52.1	9/28	2.2	49	1.0	53.3	9/22	2.0	38	1.0	48.2	1.4	1.0
BEESON 80.....	55.8	9/29	2.2	44	1.0	48.4	9/24	2.8	36	1.0	48.2	1.5	1.0
BSR 201.....	54.2	9/28	2.3	37	1.0								
CENTURY.....	54.6	9/30	1.8	42	1.0	52.4	9/26	1.7	37	1.0	52.8	1.1	1.0
CORSOY 79.....	54.1	9/29	2.3	46	1.0	55.3	9/22	3.3	35	1.0	49.1	1.9	1.0
GNOME.....	53.9	10/03	1.0	25	1.0	58.2	10/03	1.0	19	1.0	46.5	1.1	1.0
WELLS II.....	47.7	9/27	2.2	46	1.0	54.9	9/17	1.8	37	1.0	44.4	1.2	1.0
RIVERSIDE													
303A.....	53.6	9/28	1.8	44	1.0								
4042.....	58.8	9/28	2.7	47	1.0	48.6	9/19	2.5	34	1.0	49.4	1.4	1.0
4044.....	58.0	9/30	2.8	46	1.0								
SRF													
205.....	59.2	9/29	2.5	45	1.0	55.7	9/24	2.5	36	1.0			
250.....	52.2	10/02	1.5	42	1.0	39.4	9/27	1.0	33	1.0	51.3	1.1	1.0
S BRAND													
S 43B.....	58.2	9/24	2.8	41	1.0								
S 43C.....	52.2	9/28	1.8	41	1.0								
S 44A.....	59.8	9/29	2.3	39	1.0								
S 45C.....	61.5	9/30	2.2	42	1.0								
S 46C.....	58.7	10/01	1.7	41	1.0								
S 47B.....	62.0	10/03	2.3	43	1.0								
S 47C.....	58.0	10/05	2.2	42	1.0								
TRISLER													
TRISOY 201.....	58.1	9/30	2.2	44	1.0								
TRISOY 211.....	58.7	9/30	1.8	42	1.0								
TRISOY 215.....	54.4	9/30	2.0	45	1.0								
VORIS													
247.....	49.8	9/24	1.5	39	1.0	50.3	9/18	1.3	26	1.0	46.1	1.1	1.0
285.....	61.9	10/04	2.3	47	1.0								
AVERAGE.....	55.7	..	2.1	43	1.0	52.5	..	2.0	34	1.0	47.4	1.1	1.0
L.S.D. 10% LEVEL.....	6.0	..	0.6	3	..	7.5	..	0.9	5	..	6.7	..	..
L.S.D. 30% LEVEL.....	3.8	..	0.4	2	..	4.7	..	0.5	3	..	4.2	..	..
STD ERR OF MEAN.....	2.6	..	0.3	1	0.0	3.2	..	0.4	2	0.1	2.9	..	..
MATURITY GROUP III													
AGRO-SOY													
46.....	51.3	10/03	2.7	45	1.0								
AMERICANA													
RAELYN.....	42.7	10/05	4.3	39	1.0								
ASGROW													
A3127.....	57.0	10/01	1.8	43	1.0	57.6	9/29	1.3	35	1.0	54.7	1.1	1.0
CFS													
34.....	43.3	10/02	2.3	42	1.0								
DAIRYLAND													
DSR-303.....	47.3	10/02	2.8	47	1.0								
DSR-312.....	51.7	10/05	3.7	44	1.0								
DSR-320.....	54.6	10/04	2.8	45	1.0								
DSR-352.....	45.4	10/08	3.3	42	1.0	33.3	10/01	1.8	30	1.0			
FS HISOY													
HS 320.....	58.9	10/04	3.0	47	1.0								
HS 322.....	53.1	10/05	2.3	46	1.0								

ELWOOD (7-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
FUNK													
G-3340.....	42.8	10/03	3.3	44	1.0	41.1	9/27	2.0	28	1.0			
12172.....	44.4	10/02	2.2	42	1.0								
J M SCHULTZ													
JMS 3482.....	48.9	10/05	2.8	45	1.0								
LANDERS													
3912.....	54.8	10/03	3.7	46	1.0								
LEWIS													
32A.....	54.6	10/01	3.3	45	1.0								
MASCO													
DYNAMO-82.....	49.9	10/02	3.2	45	1.0								
422.....	51.7	10/01	2.7	49	1.0								
8156.....	44.8	10/06	2.3	43	1.0	44.5	*	1.2	32	1.0			
8255.....	54.8	9/28	2.2	45	1.0								
82-3.....	55.3	9/24	2.3	47	1.0	46.8	10/03	2.5	39	1.0			
MERSCHMAN													
JEFFERSON III.....	56.8	10/02	2.8	42	1.0								
TRUMAN II.....	57.4	10/01	2.7	45	1.0								
WASHINGTON V.....	55.2	10/03	3.2	49	1.0								
PUBLIC VARIETY													
CUMBERLAND.....	44.2	9/30	2.3	43	1.0	29.0	9/28	2.0	31	1.0	46.4	1.4	1.0
ELF.....	52.1	10/08	1.0	27	1.0	44.7	*	1.0	22	1.0	39.1	1.1	1.0
FAYETTE.....	55.8	10/07	2.3	46	1.0	53.0	*	2.0	42	1.0			
HOBBIT.....	52.2	9/30	1.2	24	1.0	42.8	10/03	1.0	24	1.0			
PELLA.....	57.2	10/02	2.2	45	1.0	32.0	9/29	1.5	31	1.0	48.6	1.2	1.0
SPRITE.....	51.2	10/03	1.3	28	1.0	57.9	10/02	1.7	26	1.0	36.4	1.0	1.0
WILLIAMS 79.....	52.6	10/04	3.0	45	1.0	56.1	10/03	1.8	36	1.0	51.0	1.4	1.0
WILLIAMS 82.....	49.1	10/07	2.5	46	1.0	38.5	10/03	2.3	40	1.0			
WILL.....	45.9	10/02	2.7	41	1.0	34.6	10/02	1.5	33	1.0	46.2	1.1	1.0
RIVERSIDE													
3033.....	62.0	10/02	2.3	42	1.0								
AVERAGE.....	51.4	..	2.6	43	1.0	42.1	..	1.7	32	1.0	45.8	1.3	1.0
L.S.D. 10% LEVEL.....	6.0	..	0.6	3	..	9.4	..	..	6	..	4.5	..	..
L.S.D. 30% LEVEL.....	3.8	..	0.4	2	..	5.9	..	..	4	..	2.8	..	..
STD ERR OF MEAN.....	2.6	..	0.3	1	0.0	3.9	..	0.4	3	0.0	1.9	..	..

* KILLED BY FROST.

Soybean Variety Trial Results
MONMOUTH (30-INCH ROW SPACING)

1982 RESULTS							1982 RESULTS						
BRAND	VARIETY OR BLEND	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	BRAND	VARIETY OR BLEND	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING
MATURITY GROUP II							MIGRO						
AGRIPRO	AP 240.....	52.5	9/22	2.4	39	1.0	HP2530.....	49.6	9/15	2.1	36	1.0	
AGRO-SOY	31.....	53.2	9/21	3.4	40	1.0	NORTHROP KING CO.						
AG-SEEDS	7250.....	47.8	9/21	3.1	48	1.0	S1492.....	51.6	9/17	3.2	39	1.0	
AMERICANA	B507.....	54.6	9/22	3.3	38	1.0	S2596.....	52.2	9/13	2.2	36	1.0	
	CLINTON.....	53.8	9/28	2.2	46	1.0	PFIZER GENETICS						
	YANKEE.....	52.0	9/20	2.8	42	1.0	EC312.....	53.8	9/20	3.3	40	1.0	
ASGROW	A2575.....	45.7	9/13	2.6	44	1.0	PRIDE						
	A2680.....	47.0	9/16	2.7	38	1.0	B203.....	52.4	9/11	2.6	37	1.0	
CFS	22.....	44.4	9/13	3.2	45	1.0	B216.....	51.2	9/15	3.0	36	1.0	
	23.....	57.5	9/18	3.3	40	1.0	B242.....	53.6	9/15	1.8	42	1.0	
DAIRYLAND	DSR-212.....	51.3	9/15	2.9	38	1.0	PUBLIC VARIETY						
	DSR-227.....	55.2	9/20	2.5	42	1.0	AMSOY 71.....	45.6	9/15	3.9	44	1.0	
	DSR-232.....	52.6	9/19	3.2	42	1.0	BEESON 80.....	50.4	9/15	3.1	41	1.0	
	82-242.....	53.5	9/19	3.0	41	1.0	BSR 201.....	48.7	9/16	3.5	38	1.0	
DE SOY	750.....	56.4	9/19	2.8	39	1.0	CENTURY.....	49.5	9/15	2.3	44	1.0	
	777A.....	55.8	9/22	2.6	39	1.0	CORSOY 79.....	44.4	9/13	3.8	35	1.0	
FFR	225.....	45.5	9/16	3.1	42	1.0	GNOME.....	50.1	9/24	1.8	21	1.0	
	2845.....	46.1	9/15	2.5	46	1.0	WELLS II.....	45.9	9/12	2.6	41	1.0	
FS HISOY	HS 235.....	52.0	9/16	3.8	41	1.0	RIVERSIDE						
	HS 265.....	54.1	9/21	1.6	44	1.0	303A.....	46.4	9/14	3.0	41	1.0	
	226.....	52.8	9/15	3.2	38	1.0	4042.....	47.1	9/14	3.5	42	1.0	
	280.....	55.9	9/22	2.4	41	1.0	4044.....	44.1	9/14	3.3	41	1.0	
FUNK	G-3236.....	43.2	9/15	3.8	38	1.0	SEEDMAKERS						
	12155.....	50.7	9/21	2.7	39	1.0	8-C.....	49.2	9/24	2.9	40	1.0	
GEO. KELLER & SONS CO.	K-916.....	59.3	9/17	2.8	41	1.0	SHISSLER						
HOBLIT	LIBERTY.....	47.8	9/14	3.0	40	1.0	GR8-263.....	50.1	9/17	2.6	41	1.0	
J M SCHULTZ	JMS 2382.....	53.0	9/19	3.1	39	1.0	GR8-265.....	44.1	9/15	3.3	44	1.0	
	SHAWNEE II.....	54.2	9/14	2.8	39	1.0	SIEBEN						
	SHAWNEE.....	45.9	9/17	3.3	40	1.0	SS 222.....	50.5	9/15	3.5	44	1.0	
KITCHEN	KSC 180.....	50.1	9/12	3.0	42	1.0	SS 235.....	51.2	9/19	3.1	41	1.0	
	KSC 190.....	50.0	9/20	2.5	38	1.0	SRF						
KRUGER	KB-245.....	49.3	9/20	3.0	40	1.0	205.....	49.1	9/15	3.2	42	1.0	
	K-2010A.....	50.7	9/22	2.3	37	1.0	250.....	55.6	9/21	1.5	43	1.0	
	K-2187.....	48.0	9/21	3.3	35	1.0	SUPERSOY						
	K-2195.....	54.8	9/21	3.2	40	1.0	432.....	57.7	9/20	3.0	43	1.0	
	K-2196.....	56.8	9/24	3.2	42	1.0	450.....	51.6	9/26	2.5	42	1.0	
	K-2205.....	56.5	9/27	2.0	46	1.0	455.....	51.3	9/24	2.1	44	1.0	
	K-2206.....	55.2	9/20	2.8	41	1.0	460A.....	54.3	9/25	3.0	42	1.0	
LANDERS	2908.....	51.4	9/17	3.2	42	1.0	S BRAND						
LEWIS	20.....	48.0	9/18	2.6	40	1.0	S 46C.....	55.0	9/20	2.5	41	1.0	
	21.....	50.8	9/21	2.9	45	1.0	S 47B.....	55.7	9/21	2.6	39	1.0	
	23.....	51.8	9/21	3.6	39	1.0	S 47C.....	55.1	9/18	2.5	40	1.0	
LOWE SEED	211.....	50.4	9/16	2.6	40	1.0	TRISLER						
	244.....	49.2	9/18	2.0	38	1.0	TRISOY 201.....	43.7	9/15	3.3	42	1.0	
MASCO	BARON-82.....	53.6	9/21	3.3	40	1.0	TRISOY 211.....	54.3	9/18	3.3	38	1.0	
	8133.....	44.5	9/15	3.1	41	1.0	TRISOY 215.....	48.1	9/17	2.3	38	1.0	
	82-2.....	51.5	9/20	2.5	48	1.0	VORIS						
MC CUBBIN	SHILOH.....	52.4	9/15	2.5	40	1.0	247.....	50.9	9/15	2.1	40	1.0	
	1X-124.....	56.5	9/23	2.9	40	1.0	285.....	47.2	9/22	2.8	43	1.0	
MC CURDY	102+.....	44.5	9/15	3.3	37	1.0	AVERAGE.....	51.0	..	2.8	41	1.0	
MERSCHMAN	CHEYENNE II.....	57.5	9/22	2.6	41	1.0	L.S.D. 10% LEVEL.....	4.0	..	0.4	3	..	
	COMANCHE.....	51.3	9/15	2.1	41	1.0	L.S.D. 30% LEVEL.....	2.5	..	0.3	2	..	
	NAVAHO III.....	50.1	9/14	2.8	41	1.0	STD ERR OF MEAN.....	1.7	..	0.2	1	0.0	
	SAUK.....	53.1	9/18	2.8	41	1.0							
	SHAWNEE II.....	48.9	9/15	2.2	41	1.0							
							MATURITY GROUP III						
							AGRIPRO						
							AP 250.....	52.4	9/21	2.4	44	1.0	
							25.....	47.2	9/21	2.3	44	1.0	
							26.....	45.1	9/24	2.7	46	1.0	
							27.....	46.5	9/24	2.5	39	1.0	
							AGRO-SOY						
							46.....	53.8	9/29	3.0	43	1.0	
							AG-SEEDS						
							KING.....	52.0	10/02	2.3	45	1.0	
							AMERICANA						
							B510.....	44.6	10/02	3.5	51	1.0	
							B513.....	49.1	9/30	3.7	38	1.0	
							B518.....	43.8	10/01	3.6	45	1.0	
							REBEL.....	51.5	10/01	3.5	37	1.0	
							XK585.....	48.3	9/25	3.1	40	1.0	
							ASGROW						
							A3127.....	55.2	9/27	1.4	40	1.0	
							CFS						
							31.....	51.2	9/26	3.1	42	1.0	
							34.....	48.0	9/26	2.1	40	1.0	

MONMOUTH (30-INCH ROW SPACING), continued

1982 RESULTS						1982 RESULTS							
BRAND	VARIETY OR BLEND	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	BRAND	VARIETY OR BLEND	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING
DAIRYLAND							MIGRO						
	DSR-303.....	44.7	9/27	3.1	40	1.0		EX 1051.....	46.6	9/19	2.6	41	1.0
	DSR-312.....	52.7	9/30	3.3	46	1.0		HP3700.....	52.6	9/27	3.1	45	1.0
	DSR-320.....	52.3	10/02	3.1	41	1.0	NAPB						
	DSR-352.....	48.2	10/02	3.4	40	1.0		EX 68225-14.....	50.5	9/23	2.3	42	1.0
DE SOY								EX 68225-32.....	48.5	9/25	2.3	44	1.0
	800.....	53.1	9/26	2.1	44	1.0		EX 68225-40.....	50.7	9/24	2.4	44	1.0
	875.....	56.4	9/28	2.9	41	1.0		EX 73030-32.....	51.3	9/22	1.9	42	1.0
	900.....	51.9	9/27	2.9	42	1.0	NORTHROP KING CO.						
	919.....	54.1	9/28	2.9	41	1.0		MV32-67.....	50.5	9/29	3.2	44	1.0
	950A.....	50.3	9/27	2.8	41	1.0	PFIZER GENETICS						
ELITE								CX321.....	50.4	9/28	3.0	40	1.0
	242.....	49.1	9/22	2.6	42	1.0		CX380.....	51.3	9/30	2.6	44	1.0
	382.....	52.6	9/20	2.7	43	1.0		EC1147.....	57.1	9/29	2.8	45	1.0
FFR							PRIDE						
	330 B.....	51.8	9/30	2.6	47	1.0		PK352.....	53.4	9/29	2.8	44	1.0
FS HISOY							PUBLIC VARIETY						
	HS 320.....	51.0	9/26	3.4	46	1.0		CUMBERLAND.....	48.9	9/28	2.5	41	1.0
	HS 322.....	55.2	9/29	3.0	42	1.0		ELF.....	54.5	10/02	1.8	22	1.0
	350.....	52.0	10/01	2.7	46	1.0		FAYETTE.....	49.6	10/01	2.4	45	1.0
FUNK								HOBBIT.....	44.6	9/25	1.5	25	1.0
	G-3340.....	54.6	9/27	3.2	42	1.0		PELLA.....	51.9	9/21	2.3	42	1.0
	12172.....	49.0	9/24	2.9	40	1.0		SPRITE.....	49.5	9/24	1.6	23	1.0
GEO. KELLER & SONS CO.								WILLIAMS 82.....	53.6	10/02	2.5	45	1.0
	GRANT.....	49.6	9/29	3.4	40	1.0		WILL.....	49.1	9/25	2.2	37	1.0
	K-917.....	54.5	9/26	2.7	42	1.0	RIVERSIDE						
GOLD TAG								3033.....	53.4	9/20	3.0	40	1.0
	GT 1310.....	48.6	9/28	2.5	44	1.0	SEEDMAKERS						
J M SCHULTZ								72118H.....	51.0	9/30	2.7	45	1.0
	JMS 3482.....	50.6	9/28	2.7	41	1.0	SHISSLER						
	WASHINGTON 5.....	52.4	9/27	3.3	44	1.0		GR8-366.....	50.9	9/19	2.8	43	1.0
KITCHEN								GR8-367.....	49.1	9/21	2.3	41	1.0
	KSC 380.....	52.7	9/29	3.0	43	1.0	STINE						
KRUGER								3010.....	59.1	9/27	2.4	44	1.0
	KB-320.....	51.7	9/26	2.7	41	1.0	S BRAND						
	KB-324.....	50.6	9/30	3.1	40	1.0		S 52A.....	56.8	9/27	2.9	39	1.0
	K-3035S.....	54.2	9/26	2.8	43	1.0		S 56A.....	50.4	9/27	3.3	40	1.0
	K-3999.....	48.6	9/30	3.4	39	1.0		S 56.....	53.0	9/28	2.7	40	1.0
	K-4085.....	49.2	9/29	3.3	44	1.0		S 60C.....	52.9	9/28	2.8	42	1.0
LANDERS								AVERAGE.....	51.1	..	2.8	42	1.0
	3912.....	50.5	10/01	3.3	47	1.0		L.S.D. 10% LEVEL.....	4.1	..	0.4	3	..
LEWIS								L.S.D. 30% LEVEL.....	2.6	..	0.3	2	..
	31.....	49.9	9/29	2.9	51	1.0		STD ERR OF MEAN.....	1.8	..	0.2	1	0.0
	32A.....	51.5	9/22	3.0	40	1.0							
MASCO							MATURITY GROUP IV						
	DYNAMO-82.....	54.3	9/29	2.9	41	1.0		GEO. KELLER & SONS CO.					
	422.....	53.4	9/27	2.8	44	1.0		K-914.....	48.6	10/10	3.2	48	1.0
	4444.....	49.0	9/30	2.9	46	1.0	MC CUBBIN						
	8255.....	51.8	9/17	2.6	38	1.0		CARSON.....	51.5	10/11	3.7	50	1.0
	82-3.....	46.5	9/17	2.3	41	1.0		EX 4290.....	52.8	10/06	2.2	45	1.0
MC CUBBIN							MERSCHMAN						
	LEO II.....	47.9	9/26	3.4	44	1.0		CLEVELAND.....	51.5	10/04	3.7	44	1.0
	TROY II.....	58.1	9/26	2.9	43	1.0		RICHMOND.....	50.5	10/05	3.2	47	1.0
MC CURDY								AVERAGE.....	51.0	..	3.2	47	1.0
	109+.....	49.6	9/29	2.9	47	1.0		L.S.D. 10% LEVEL.....	..	..	0.8	..	..
	308+.....	52.4	9/27	2.7	43	1.0		L.S.D. 30% LEVEL.....	..	..	0.5	..	..
	385B.....	51.2	9/28	2.4	37	1.0		STD ERR OF MEAN.....	3.8	..	0.3	2	0.0
MERSCHMAN													
	JEFFERSON III.....	51.1	9/28	2.6	40	1.0							
	JEFFERSON II.....	48.7	9/29	3.1	42	1.0							
	KENNEDY.....	49.7	9/22	2.4	43	1.0							
	TRUMAN II.....	58.3	9/28	2.2	41	1.0							
	WASHINGTON V.....	51.5	9/27	3.4	43	1.0							
MIDWEST OILSEEDS													
	3350.....	54.1	10/02	3.1	42	1.0							

Soybean Variety Trial Results
KILBOURNE, IRRIGATED (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP II													
AGRIPRO													
AP 240.....	50.2	9/16	1.5	32	1.0								
FFR													
2845.....	38.3	9/16	1.2	31	1.7								
FS HISOY													
HS 265.....	56.1	9/26	1.5	35	1.0	57.3	9/12	1.1	31	1.0	46.5	1.1	1.0
280.....	53.2	9/19	1.5	34	1.0	51.8	9/12	1.2	32	1.0			
J M SCHULTZ													
JMS 2382.....	49.7	9/23	1.7	34	1.0								
MC CUBBIN													
SHILOH.....	49.7	9/16	1.5	35	1.0								
1X-124.....	54.1	9/23	1.2	32	1.0								
MERSCHMAN													
CHEYENNE II.....	51.4	9/19	1.3	30	1.0								
SAUK.....	48.6	9/19	1.2	30	1.0	52.9	9/06	1.4	33	1.0			
SHAWNEE II.....	48.4	9/19	1.5	35	1.0	48.9	9/06	1.1	31	1.0	44.1	1.4	1.0
MIGRO													
HP2530.....	47.2	9/19	1.2	30	1.7	48.7	9/05	1.2	29	1.0			
PUBLIC VARIETY													
AMSOY 71.....	49.9	9/16	2.0	41	1.0	49.8	9/05	1.7	37	1.0	31.1	1.1	1.0
BEESON 80.....	47.0	9/19	1.7	36	1.3	41.6	9/04	1.2	29	1.0	36.3	1.4	1.0
BSR 201.....	45.9	9/16	1.3	32	1.3								
CENTURY.....	47.5	9/16	1.5	33	1.0	49.8	9/06	1.2	29	1.0	39.1	1.3	1.0
CORSOY 79.....	39.8	9/16	1.7	29	1.0	49.4	9/03	1.3	34	1.0	23.3	1.1	1.0
GNOME.....	41.7	9/19	1.0	17	1.0	37.1	9/13	1.0	16	1.0	11.4	1.0	1.0
WELLS II.....	42.9	9/14	1.3	34	1.3	47.7	9/03	1.1	33	1.0	33.2	1.2	1.0
SHISSLER													
GR8-263.....	54.6	9/23	1.5	35	1.0	58.8	9/13	1.2	37	1.0			
GR8-265.....	51.8	9/16	1.8	40	1.0	50.4	9/05	1.1	37	1.0			
S BRAND													
S 46C.....	52.2	9/19	1.5	33	1.0								
S 47B.....	48.8	9/23	1.3	32	1.0								
S 47C.....	47.1	9/23	1.2	29	1.0								
VORIS													
257.....	47.4	9/19	1.7	36	1.0	52.4	9/11	1.3	36	1.0			
285.....	54.1	9/26	2.0	42	1.0	60.5	9/12	1.8	42	1.0			
AVERAGE.....	48.7	..	1.5	33	1.1	48.7	..	1.2	32	1.0	36.4	1.4	1.0
L.S.D. 10% LEVEL.....	6.1	..	0.4	5	0.4	7.6	..	0.2	3	..	8.5	..	..
L.S.D. 30% LEVEL.....	3.8	..	0.2	3	0.2	4.8	..	0.1	2	..	5.3	..	..
STD ERR OF MEAN.....	2.6	..	0.1	2	0.1	3.2	..	0.1	1	0.0	3.6	..	..

MATURITY GROUP III

AGRIPRO													
AP 250.....	50.0	9/26	1.5	36	1.0								
FS HISOY													
HS 320.....	53.6	10/02	2.2	38	1.0	62.1	9/13	2.8	36	1.0			
HS 322.....	45.4	9/23	1.3	35	1.0								
350.....	47.7	10/02	1.7	40	1.0	54.3	9/19	1.5	41	1.0			
J M SCHULTZ													
WASHINGTON S.....	51.0	9/26	1.7	36	1.0								
LEWIS													
32A.....	51.4	9/30	1.5	38	1.0								
37.....	46.3	9/30	1.3	35	1.0	58.3	9/13	1.5	35	1.0			
MC CUBBIN													
LEO II.....	49.9	10/02	1.7	38	1.0								
TROY II.....	49.1	9/30	1.3	35	1.0								
MERSCHMAN													
JEFFERSON III.....	50.6	9/26	1.5	34	1.0	49.8	9/15	1.3	32	1.0			
JEFFERSON II.....	52.3	9/30	1.7	37	1.0	64.5	9/13	1.5	36	1.0			
KENNEDY.....	54.5	10/06	1.5	37	1.0	64.3	9/12	1.5	37	1.0	26.4	1.3	3.0
TRUMAN II.....	53.8	9/30	1.2	33	1.0								
WASHINGTON V.....	52.5	9/30	1.8	36	1.0	62.5	9/13	2.8	38	1.0			
MIGRO													
EX 1051.....	48.8	9/16	1.7	32	1.7								
HP3700.....	50.8	10/02	1.5	39	1.0	58.7	9/19	1.0	38	1.0			

KILBOURNE, IRRIGATED (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
PUBLIC VARIETY													
CUMBERLAND.....	50.4	9/26	1.5	37	1.0	62.9	9/15	1.8	38	1.0	35.2	1.0	1.3
ELF.....	51.8	10/02	1.0	20	1.0	53.1	9/19	1.0	20	1.0	37.6	1.0	1.0
FAYETTE.....	44.2	10/02	1.3	38	1.0	54.9	9/17	1.3	40	1.0			
HOBBIT.....	48.1	10/02	1.0	21	1.0	46.4	9/19	1.0	20	1.0			
PELLA.....	40.2	9/26	1.2	33	1.0	53.3	9/12	1.3	34	1.0	30.3	1.2	1.3
SPRITE.....	42.4	9/30	1.0	21	1.0	53.6	9/16	1.0	20	1.0	18.1	1.0	1.0
WILLIAMS 79.....	49.9	10/02	1.3	39	1.0	57.6	9/18	1.3	39	1.0	41.5	1.0	1.0
WILLIAMS 82.....	50.0	10/02	1.3	36	1.0	60.0	9/20	1.2	40	1.0			
WILL.....	51.0	9/26	1.3	31	1.0	56.2	9/12	1.7	32	1.0	24.1	1.0	1.1
RIVERSIDE													
202R.....	51.9	10/02	1.5	37	1.0	56.3	9/18	1.3	39	1.0			
SHISSLER													
GR8-366.....	47.6	9/26	1.5	38	1.0								
GR8-367.....	49.0	9/26	1.3	37	1.0	47.1	9/14	1.0	29	1.0			
S BRAND													
S 52A.....	42.9	9/23	1.3	30	1.0								
S 56A.....	46.8	9/26	1.2	35	1.0								
S 56.....	44.7	9/30	1.2	34	1.3								
S 60C.....	42.7	9/26	1.3	32	1.0								
AVERAGE.....	48.8	..	1.4	34	1.0	57.2	..	1.5	36	1.0	31.4	..	..
L.S.D. 10% LEVEL.....	..	..	0.3	4	0.2	8.6	..	0.5	3	..	5.8	..	..
L.S.D. 30% LEVEL.....	..	..	0.2	3	0.1	5.4	..	0.3	2	..	3.6	..	..
STD ERR OF MEAN.....	3.4	..	0.1	2	0.1	3.6	..	0.2	1	0.0	2.5	..	..
MATURITY GROUP IV													
AGRIPRO													
AP 350.....	48.3	10/06	1.5	40	1.0								
J M SCHULTZ													
JMS 4982.....	51.6	10/06	2.0	43	1.0								
VICTOR.....	46.7	10/06	1.7	40	1.0								
LEWIS													
43.....	48.4	10/02	1.3	38	1.0								
MC CUBBIN													
CARSON.....	49.5	10/06	1.7	44	1.0								
EX 4290.....	45.9	10/02	1.3	35	1.0								
MERSCHMAN													
CLEVELAND.....	37.9	10/02	1.5	34	1.0	58.8	9/19	1.5	41	1.0			
DALLAS.....	44.9	10/02	1.8	45	1.0								
RICHMOND.....	34.4	10/06	1.5	35	1.0	53.3	9/23	1.2	40	1.0	29.8	1.1	1.0
PUBLIC VARIETY													
LAWRENCE.....	49.4	9/30	1.0	38	1.0								
UNION.....	51.8	10/02	1.3	42	1.0						33.7	1.2	1.2
RIVERSIDE													
2024.....	47.3	9/30	1.2	38	1.0	58.7	9/16	1.3	39	1.0			
2025.....	51.3	10/02	1.3	42	1.0	61.7	9/22	1.5	48	1.0	32.0	1.0	2.0
AVERAGE.....	46.7	..	1.5	40	1.0	57.2	..	1.5	36	1.0	31.4	..	..
L.S.D. 10% LEVEL.....	..	..	0.4	6	..	8.6	..	0.5	3	..	5.8	..	..
L.S.D. 30% LEVEL.....	..	..	0.3	4	..	5.4	..	0.3	2	..	3.6	..	..
STD ERR OF MEAN.....	4.0	..	0.2	2	0.0	3.6	..	0.2	1	0.0	2.5	..	..

Soybean Variety Trial Results
URBANA (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP II													
AGRIGENETICS													
2102A.....	47.0	9/11	2.5	49	1.0								
AGRIFRO													
AF 240.....	47.9	9/10	2.8	39	1.0	52.9	9/16	2.7	37	1.0			
AGRO-SOY													
31.....	50.1	9/15	3.5	42	1.0	66.2	9/19	3.0	41	1.0	43.6	1.0	1.0
AG-SEEDS													
7250.....	51.8	9/17	2.8	49	1.0	54.9	9/25	3.7	48	1.0	31.5	1.2	1.0
AMERICANA													
B507.....	54.8	9/14	3.3	38	1.0								
YANKEE.....	52.3	9/14	2.3	46	1.0	57.0	9/18	2.8	45	1.0			
ASGROW													
A2575.....	50.5	9/07	2.2	46	1.0	59.0	9/11	2.3	45	1.0	35.3	1.0	2.0
A2680.....	47.2	9/11	2.8	41	1.0	59.1	9/16	3.2	44	1.0			
A2858.....	48.0	9/10	3.0	34	1.0	61.1	9/17	3.3	38	1.0	34.8	1.1	1.0
BELLATTI													
R-77-84.....	45.9	9/10	3.0	44	1.0								
CFS													
22.....	47.5	9/09	3.0	46	1.0	51.8	9/14	2.3	47	1.0	34.5	1.0	2.0
23.....	53.7	9/13	3.0	39	1.0	62.3	9/17	3.2	42	1.0			
DAIRYLAND													
DSR-212.....	52.3	9/05	2.0	42	1.0								
DSR-227.....	52.3	9/11	2.4	45	1.0	56.0	9/20	2.5	46	1.0			
DSR-232.....	51.1	9/13	2.6	45	1.0	53.1	9/17	2.8	45	1.0	41.1	1.3	1.0
82-242.....	51.9	9/14	3.0	46	1.0								
DE SOY													
675.....	51.4	9/10	2.4	42	1.0	61.2	9/16	2.7	43	1.0			
750.....	55.7	9/15	2.5	41	1.0	57.8	9/17	2.7	44	1.0	44.1	1.1	1.0
777A.....	52.2	9/13	2.7	41	1.0	63.0	9/20	2.7	45	1.0			
808.....	52.7	9/13	2.7	44	1.0								
DIENER BROS.													
DB210.....	45.4	9/11	3.0	42	1.0	56.7	9/16	2.2	43	1.0	36.3	1.0	1.0
DB28.....	48.6	9/12	3.0	42	1.0								
FFR													
2845.....	48.0	9/10	2.2	48	1.0								
FS HISOY													
HS 235.....	50.6	9/10	2.9	45	1.0	61.8	9/18	3.0	48	1.0	32.5	1.6	1.0
HS 265.....	50.2	9/10	1.5	39	1.0	57.6	9/17	2.0	45	1.0	38.7	1.0	1.0
226.....	50.6	9/08	2.6	40	1.0	56.8	9/13	2.7	40	1.0			
280.....	46.9	9/13	2.5	44	1.0	58.2	9/20	3.3	42	1.0	42.4	1.0	1.0
FULVAR													
241.....	46.0	9/11	2.5	43	1.0	58.6	9/16	2.3	45	1.0	36.5	1.0	2.0
261.....	49.3	9/14	2.9	49	1.0	56.5	9/19	3.0	44	1.0	36.7	1.2	1.0
FUNK													
G-3236.....	44.3	9/10	2.8	41	1.0	56.0	9/20	2.8	39	1.0	35.1	1.1	2.0
12155.....	48.2	9/12	2.9	40	1.0								
GEO. KELLER & SONS CO.													
K-916.....	52.8	9/14	3.0	41	1.0								
GOLD TAG													
BRAND 1270.....	54.4	9/14	3.2	43	1.0								
GT 1250.....	47.1	9/10	2.7	45	1.0								
HOB LIT													
BOUNTY.....	54.6	9/13	3.2	44	1.0								
J M SCHULTZ													
JMS 2382.....	52.1	9/14	3.0	42	1.0	59.4	9/18	2.7	44	1.0			
SHAWNEE II.....	45.4	9/10	2.5	43	1.0	59.5	9/16	2.2	43	1.0	33.9	1.0	1.0
SHAWNEE.....	43.8	9/11	3.2	44	1.0	56.2	9/18	3.2	42	1.0	38.2	1.1	1.0
KITCHEN													
KSC 180.....	49.6	9/07	2.4	44	1.0	58.8	9/12	2.5	41	1.0			
KSC 190.....	44.5	9/15	2.7	45	1.0								
KRUGER													
KB-252.....	50.5	9/14	2.6	39	1.0								
K-2120.....	46.3	9/10	2.7	44	1.0								
K-2199.....	52.4	9/15	3.2	42	1.0								
LANDERS													
2908.....	50.4	9/13	2.8	44	1.0	58.8	9/18	2.8	43	1.0			
LEWIS													
23.....	48.6	9/13	3.1	42	1.0	58.1	9/22	3.0	41	1.0			
24.....	49.0	9/09	2.3	48	1.0								
LOWE SEED													
244.....	45.5	9/10	2.4	42	1.0								
MASCO													
BARON-82.....	51.3	9/13	3.4	39	1.0								
82-2.....	48.9	9/12	2.5	48	1.0	61.2	9/17	2.3	43	1.0			

URBANA (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MC CUBBIN													
SHILOH.....	45.3	9/09	2.4	39	1.0	61.6	9/16	2.3	43	1.0			
1X-124.....	55.8	9/12	3.0	41	1.0	63.5	9/18	2.7	40	1.0			
MC CURDY													
102+.....	47.7	9/09	3.2	46	1.0	51.3	9/13	2.7	42	1.0	36.9	1.3	1.0
MERSCHMAN													
CHEYENNE II.....	51.8	9/13	2.7	42	1.0								
SAUK.....	50.8	9/13	2.7	42	1.0	58.7	9/20	2.7	41	1.0	34.4	1.1	1.0
SHAWNEE II.....	43.7	9/11	2.8	44	1.0	59.2	9/16	2.5	43	1.0	36.1	1.0	2.0
MIGRO													
HP2530.....	52.5	9/08	2.0	37	1.0	59.1	9/16	2.7	41	1.0	35.5	1.2	2.0
NOBLE													
NB 2100.....	51.0	9/08	2.5	46	1.0						38.4	1.3	1.0
NB 2600.....	44.2	9/10	2.7	46	1.0	59.0	9/20	2.2	43	1.0	35.7	1.0	2.0
NORTHROP KING CO.													
S1492.....	47.6	9/09	2.5	41	1.0	54.9	9/14	2.5	40	1.0	37.3	1.0	2.0
S2596.....	45.7	9/08	1.9	36	1.0	59.1	9/14	1.8	37	1.0	35.0	1.0	1.0
PFIZER GENETICS													
EC312.....	52.9	9/13	3.0	41	1.0								
PUBLIC VARIETY													
AMSOY 71.....	44.3	9/11	3.3	49	1.0	50.2	9/16	2.8	46	1.0	35.0	1.1	1.0
BEESON 80.....	45.1	9/09	2.6	43	1.0	50.8	9/14	2.8	41	1.0	37.3	1.0	2.0
BSR 201.....	52.6	9/10	2.5	39	1.0								
CENTURY.....	47.6	9/10	2.3	44	1.0	58.3	9/16	3.0	42	1.0	35.0	1.0	1.0
CORSOY 79.....	45.0	9/06	3.2	46	1.0	52.9	9/11	3.0	44	1.0	35.4	1.7	1.0
GNOME.....	45.8	9/14	1.1	21	1.0	58.5	9/26	1.2	21	1.0	39.0	1.0	1.0
WELLS II.....	45.3	9/06	2.0	41	1.0	47.7	9/11	3.2	42	1.0	32.8	1.0	2.0
RING AROUND													
RAX-100.....	54.1	9/12	3.3	41	1.0								
RAX-84.....	46.9	9/05	2.2	43	1.0								
RAX-86.....	45.2	9/12	2.7	50	1.0								
RAX-97.....	46.7	9/03	2.1	42	1.0								
RAX-98.....	55.3	9/09	2.4	44	1.0								
RAX-99.....	51.2	9/15	2.7	42	1.0								
RIVERSIDE													
303A.....	48.7	9/09	2.2	47	1.0								
4042.....	48.0	9/09	2.5	44	1.0						37.5	1.1	1.0
4044.....	45.9	9/07	2.8	48	1.0								
SEEDMAKERS													
27291G.....	42.3	9/14	3.6	47	1.0								
8-C.....	46.7	9/10	2.3	39	1.0								
SHISSLER													
GR8-263.....	47.6	9/13	2.5	44	1.0	50.1	9/18	2.8	43	1.0			
GR8-265.....	46.7	9/09	2.9	48	1.0	53.7	9/15	2.8	46	1.0			
SRF													
205.....	47.7	9/08	3.1	39	1.0								
250.....	51.3	9/13	2.0	42	1.0	58.8	9/23	2.0	44	1.0	39.2	1.0	1.0
SUPERSOY													
450.....	51.2	9/13	3.0	47	1.0	55.1	9/22	3.2	43	1.0	40.7	1.2	1.0
455.....	46.7	9/13	2.5	41	1.0								
460A.....	45.2	9/13	2.7	45	1.0	50.9	9/26	3.2	43	1.0	36.9	1.2	1.0
S BRAND													
S 46C.....	50.6	9/13	2.9	42	1.0								
S 47B.....	54.8	9/13	3.0	42	1.0	58.4	9/20	2.5	41	1.0	34.8	1.0	1.0
S 47C.....	51.3	9/12	2.9	41	1.0								
TRISLER													
TRISDY 201.....	49.6	9/10	3.1	45	1.0	58.7	9/13	2.5	51	1.0			
TRISDY 211.....	50.9	9/14	3.1	42	1.0	62.0	9/20	2.7	41	1.0			
TRISDY 215.....	47.5	9/12	2.7	45	1.0								
VORIS													
EXP. 0811.....	49.5	9/11	2.7	43	1.0								
247.....	50.1	9/05	1.7	39	1.0								
295.....	48.5	9/16	2.5	50	1.0						34.8	1.2	1.0
WILKEN BRAND													
2360.....	50.5	9/12	3.3	43	1.0								
2445.....	47.6	9/08	2.7	45	1.0								
2450.....	50.7	9/10	2.9	44	1.0								
AVERAGE.....	49.1	..	2.7	43	1.0	56.4	..	2.7	43	1.0	36.3	1.1	1.3
L.S.D. 10% LEVEL.....	4.5	..	0.4	3	..	6.8	..	0.2	5	..	4.9	..	..
L.S.D. 30% LEVEL.....	2.8	..	0.3	2	..	4.3	..	0.4	3	..	3.1	..	..
STD ERR OF MEAN.....	1.9	..	0.2	1	0.0	2.9	..	0.3	2	0.0	2.1	..	..

URBANA (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP III													
AGRIGENETICS													
3103B.....	44.2	9/14	2.8	44	1.0								
AGRIPRO													
AP 250.....	51.1	9/13	2.7	44	1.0	50.6	9/20	3.0	48	1.0	39.3	1.2	2.0
25.....	48.1	9/15	2.2	45	1.0	53.0	9/24	2.5	46	1.0	36.9	1.2	2.0
26.....	53.0	9/19	2.5	47	1.0								
27.....	52.2	9/13	2.3	42	1.0								
AGRO-SOY													
38.....	49.8	9/13	2.7	42	1.0								
46.....	52.2	9/16	2.7	46	1.0								
AG-SEEDS													
KING.....	44.8	9/21	2.7	44	1.0	50.1	9/30	2.5	47	1.0	37.7	1.1	1.0
AMERICANA													
B510.....	41.0	9/29	3.3	49	1.0								
B513.....	49.6	9/24	2.5	45	1.0								
B515.....	48.8	9/27	2.8	48	1.0								
B518.....	43.0	9/24	3.3	46	1.0								
REBEL.....	46.1	9/23	3.8	39	1.0	45.4	9/28	3.3	40	1.0			
ASGROW													
A3127.....	56.2	9/14	2.0	43	1.0	56.7	9/25	2.2	39	1.0	41.0	1.3	1.0
A3659.....	53.9	9/20	1.5	39	1.0	52.9	9/30	2.0	41	1.0	47.3	1.0	1.0
A3860.....	53.3	9/28	2.7	42	1.0	59.8	10/02	2.8	41	1.0	41.7	1.4	1.0
BERGMANN-TAYLOR													
BT 330.....	50.9	9/18	2.5	41	1.0								
BT 380.....	44.9	9/25	3.5	42	1.0								
BT 390.....	51.8	9/28	2.7	47	1.0								
CALLAHAN													
3310.....	53.0	9/15	3.3	42	1.0								
CFS													
31.....	50.9	9/15	3.0	48	1.0	57.6	9/26	3.3	45	1.0	38.5	1.7	2.0
34.....	50.0	9/14	2.3	41	1.0	48.8	9/25	2.8	45	1.0	39.0	1.3	1.0
DAIRYLAND													
DSR-303.....	41.3	9/18	3.0	42	1.0								
DSR-312.....	48.6	9/17	2.8	49	1.0								
DSR-320.....	52.6	9/28	2.5	46	1.0								
DSR-352.....	44.5	9/27	3.7	38	1.0	51.7	9/28	3.2	42	1.0			
DE SOY													
875.....	51.3	9/15	2.5	46	1.0	47.2	9/22	2.8	47	1.0			
900.....	53.8	9/18	2.7	47	1.0	58.1	9/26	3.0	47	1.0	42.0	1.5	2.0
919A.....	51.1	9/14	2.5	42	1.0								
950A.....	50.1	9/18	2.8	49	1.0								
975E.....	46.9	9/17	3.2	44	1.0								
DIENER BROS.													
DB310.....	52.1	9/14	2.5	42	1.0	50.5	9/24	2.8	45	1.0	32.5	1.2	2.0
DB340.....	49.6	9/20	2.7	42	1.0	52.2	10/01	2.8	44	1.0	40.5	1.1	1.0
ELITE													
242.....	44.6	9/15	2.5	43	1.0								
342.....	45.4	9/23	2.7	56	1.0								
382.....	50.8	9/12	2.5	43	1.0								
FFR													
330 B.....	51.0	9/20	2.5	49	1.0								
FS HISOY													
HS 320.....	52.0	9/18	3.0	46	1.0	46.6	9/23	3.3	46	1.0			
HS 322.....	53.5	9/17	2.5	44	1.0	54.4	9/25	2.7	46	1.0			
350.....	50.9	9/23	2.5	45	1.0	57.3	10/01	2.7	48	1.0	36.3	1.1	2.0
FULVAR													
331.....	51.1	9/15	2.5	47	1.0	51.9	9/23	3.2	45	1.0			
381.....	52.3	9/27	2.8	48	1.0	58.9	10/01	3.5	49	1.0	37.3	1.9	2.0
FUNK													
G-3340.....	45.4	9/14	3.5	43	1.0	52.3	9/25	3.0	46	1.0	37.5	1.3	1.0
12172.....	45.0	9/11	2.8	39	1.0								
GEO. KELLER & SONS CO.													
GRANT.....	51.8	9/18	2.7	46	1.0	52.2	9/25	3.3	44	1.0	46.9	1.8	2.0
K-917.....	51.1	9/15	2.8	42	1.0								
JACQUES													
J 110 EXP.....	50.2	9/14	3.2	41	1.0	47.2	9/27	2.7	41	1.0			
J 112.....	49.0	9/23	2.7	53	1.0	51.7	9/30	3.5	59	1.0			
J M SCHULTZ													
JMS 3482.....	50.3	9/15	2.8	43	1.0	57.2	9/26	2.7	45	1.0			
WASHINGTON S.....	53.4	9/18	2.7	47	1.0	50.5	9/25	3.5	48	1.0	38.7	1.6	2.0
KITCHEN													
KSC 380.....	52.5	9/14	2.7	44	1.0	56.1	9/26	3.2	46	1.0			
KSC 383.....	48.5	9/20	3.3	36	1.0	44.3	9/28	2.8	40	1.0			
KRUGER													
KB-304.....	54.4	9/15	2.3	43	1.0								
KB-315.....	53.1	9/13	2.7	46	1.0								
KB-365.....	47.4	9/18	3.2	42	1.0								
K-3015A.....	54.5	9/18	3.0	47	1.0	55.2	9/23	3.5	45	1.0			
K-3035S.....	49.8	9/15	2.8	43	1.0								

URBANA (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
LANDERS													
3912.....	50.2	9/27	3.0	45	1.0								
LEWIS													
32A.....	53.2	9/12	2.8	45	1.0								
37.....	51.3	9/15	2.7	42	1.0	52.3	9/25	2.7	43	1.0			
LOWE SEED													
366.....	55.4	9/19	2.8	45	1.0								
MASCO													
82-3.....	48.0	9/10	2.8	42	1.0	60.0	9/17	2.8	42	1.0			
MC CUBBIN													
LEO II.....	54.2	9/15	2.7	48	1.0	48.7	9/26	3.3	47	1.0			
TROY II.....	49.9	9/15	2.8	42	1.0								
MC CURDY													
ML3.....	48.6	9/19	2.5	51	1.0	45.5	9/26	3.3	48	1.0	36.6	1.2	2.0
X303B.....	54.3	9/15	2.7	45	1.0								
109+.....	46.9	9/16	3.2	53	1.0	45.4	9/25	3.0	47	1.0	40.1	1.2	2.0
308+.....	49.2	9/18	3.0	48	1.0	47.0	9/26	3.0	50	1.0			
385B.....	55.1	9/18	2.8	44	1.0								
MERSCHMAN													
JEFFERSON III.....	53.7	9/14	3.0	43	1.0	56.2	9/24	2.5	44	1.0			
JEFFERSON II.....	50.5	9/20	2.7	48	1.0	52.0	9/26	2.8	45	1.0	38.4	1.3	2.0
KENNEDY.....	53.6	9/13	2.5	43	1.0	48.6	9/25	2.7	41	1.0	34.7	1.2	1.0
TRUMAN II.....	54.0	9/14	2.5	43	1.0								
WASHINGTON V.....	50.7	9/18	2.8	47	1.0	56.7	9/26	3.5	45	1.0	38.0	1.6	2.0
MIDWEST OILSEEDS													
3350.....	56.1	9/19	2.7	47	1.0								
MIGRO													
EX 1051.....	49.9	9/11	3.0	41	1.0								
HP3700.....	54.8	9/21	2.5	45	1.0	53.1	9/30	2.8	49	1.0	38.9	1.1	1.0
NAPB													
EX 68225-14.....	51.0	9/16	2.3	44	1.0								
EX 73011.....	52.5	9/13	3.5	48	1.0								
NOBLE													
NB 3131.....	50.4	9/13	3.0	41	1.0								
NORTHROP KING CO.													
MV32-67.....	51.9	9/18	3.0	48	1.0	50.5	9/26	3.7	47	1.0			
367304.....	53.6	9/18	2.7	46	1.0								
729178.....	59.6	9/15	2.2	44	1.0								
PAYMASTER													
351.....	46.5	9/12	2.7	45	1.0	55.2	9/24	3.0	45	1.0			
PFIZER GENETICS													
CX321.....	43.6	9/13	3.3	40	1.0	49.9	9/24	3.8	44	1.0			
CX380.....	49.2	9/15	2.8	44	1.0	54.6	9/30	2.8	47	1.0	38.7	1.3	1.0
EC1147.....	50.7	9/15	2.7	43	1.0								
PRAIRIE STATE COMMODITIES													
PSC 1403.....	49.3	9/26	3.5	39	1.0								
PSC 1404.....	46.0	9/27	3.0	44	1.0								
PUBLIC VARIETY													
CUMBERLAND.....	48.9	9/13	3.5	41	1.0	53.1	9/26	2.7	46	1.0	41.2	1.3	1.0
ELF.....	55.3	9/28	1.3	21	1.0	48.4	9/27	1.2	25	1.0	41.1	1.0	1.0
FAYETTE.....	53.5	9/26	2.2	48	1.0	48.9	9/28	2.8	48	1.0			
HOBBIT.....	51.9	9/17	1.3	21	1.0	52.3	9/29	1.2	24	1.0			
PELLA.....	53.8	9/13	2.3	47	1.0	46.7	9/22	2.7	46	1.0	43.1	1.1	1.0
SPRITE.....	49.4	9/15	1.7	21	1.0	58.9	9/28	1.0	24	1.0	42.3	1.1	1.0
WILLIAMS 79.....	46.8	9/16	2.7	45	1.0	47.7	9/28	2.5	47	1.0	35.4	1.2	1.0
WILLIAMS 82.....	50.8	9/22	2.8	44	1.0	44.2	9/29	2.8	47	1.0			
WILL.....	47.7	9/13	2.8	34	1.0	51.9	9/26	2.2	34	1.0	40.6	1.2	1.0
RING AROUND													
RAX-101.....	50.8	9/14	2.7	41	1.0								
RAX-102.....	48.6	9/23	2.7	44	1.0								
RAX-103.....	51.5	9/14	2.8	42	1.0								
RAX-87.....	48.1	9/12	2.0	37	1.0								
RAX-88.....	48.2	9/19	2.7	47	1.0								
RAX-89.....	36.5	9/11	1.7	34	1.0								
RAX-90.....	41.6	9/16	3.3	42	1.0								
RAX-91.....	40.9	9/11	2.3	37	1.0								
RAX-92.....	45.6	9/18	3.7	42	1.0								
RAX-93.....	47.1	9/09	2.2	39	1.0								
RAX-94.....	47.6	9/14	2.5	50	1.0								
RIVERSIDE													
202R.....	50.4	9/14	2.2	43	1.0	48.9	9/25	2.7	45	1.0			
3033.....	53.4	9/13	3.5	40	1.0								
SEEDMAKERS													
72118H.....	47.0	9/21	2.5	45	1.0								
SHISSLER													
GR8-366.....	52.7	9/13	2.5	45	1.0								
GR8-367.....	48.9	9/13	2.5	43	1.0	51.0	9/26	2.7	46	1.0			
STEWART HYBRIDS													
SEEDMAKERS 9-E.....	41.6	9/22	2.5	52	1.0								
STEWART SEEDS													
SB 3400.....	49.4	9/12	2.8	42	1.0	49.3	9/25	3.3	43	1.0			
SB 3700.....	42.7	9/10	3.2	46	1.0	49.2	9/16	3.0	47	1.0			

URBANA (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
SUPERSOY													
470.....	44.5	9/22	2.5	51	1.0	46.5	9/27	3.3	48	1.0			
S BRAND													
S 52A.....	53.0	9/19	3.0	43	1.0	57.1	9/24	3.0	42	1.0			
S 56A.....	45.5	9/19	2.7	42	1.0								
S 56.....	50.6	9/15	2.7	42	1.0	51.7	9/25	2.7	44	1.0			
S 60C.....	51.6	9/13	2.5	44	1.0								
TRISLER													
TRISOY 301.....	49.9	9/16	2.7	48	1.0	54.2	9/26	3.2	48	1.0			
TRISOY 302.....	51.1	9/18	2.5	45	1.0	49.2	9/26	2.8	48	1.0			
TRISOY 322.....	52.1	9/14	2.7	43	1.0								
VORIS													
EXP. 0120.....	43.1	9/27	2.8	54	1.0								
WILKEN BRAND													
3450.....	50.3	9/12	3.0	49	1.0								
AVERAGE.....	49.8	..	2.7	44	1.0	51.2	..	3.0	45	1.0	38.8	1.3	4.5
L.S.D. 10% LEVEL.....	4.1	..	0.4	3	..	7.1	..	0.5	4	..	4.8	..	..
L.S.D. 30% LEVEL.....	2.6	..	0.2	2	..	4.5	..	0.3	2	..	3.0	..	..
STD ERR OF MEAN.....	1.7	..	0.2	1	0.0	3.0	..	0.2	2	0.0	2.1	..	..
MATURITY GROUP IV													
AGRIGENETICS													
4101A.....	52.7	09/29	2.5	51	1.0								
4105A.....	35.2	09/27	2.7	47	1.0								
AGRO-SOY													
64.....	48.4	9/28	3.0	51	1.0								
AMERICANA													
CONCORD.....	48.2	9/28	2.8	48	1.0	45.5	10/01	3.5	50	1.0	37.4	1.2	1.0
GEO. KELLER & SONS CO.													
K-914.....	45.9	10/04	3.2	48	1.0	46.2	10/05	3.5	51	1.0			
LEWIS													
43.....	52.9	9/28	2.7	46	1.0	48.1	10/01	3.3	43	1.0	38.1	1.8	2.0
MC CUBBIN													
CARSON.....	43.5	10/02	3.3	49	1.0	44.1	10/05	3.2	55	1.0			
EX 4290.....	49.5	10/01	2.5	47	1.0								
MERSCHMAN													
CLEVELAND.....	44.4	9/28	2.7	44	1.0	49.0	10/03	3.2	51	1.0	33.6	1.2	2.0
RICHMOND.....	43.6	9/29	2.7	49	1.0	43.8	10/05	3.3	50	1.0	25.7	1.3	2.0
MIDWEST OILSEEDS													
4310.....	50.3	9/30	2.5	48	1.0								
MIGRO													
HP4800.....	35.8	9/26	3.5	39	1.0	43.7	10/05	2.7	44	1.0			
NORTHROP KING CO.													
S40-44.....	51.3	9/27	2.2	42	1.0	44.4	9/30	1.8	49	1.0			
708182.....	45.4	10/02	2.8	51	1.0								
PUBLIC VARIETY													
DE SOTO.....	49.6	9/29	3.0	44	1.0								
FRANKLIN.....	34.4	9/29	2.8	49	1.0	36.7	10/04	3.5	49	1.0	25.7	1.3	2.0
LAWRENCE.....	47.9	9/27	2.2	43	1.0	41.3	10/03	2.3	39	1.0			
PIXIE.....	58.8	9/30	1.5	23	1.0	50.7	10/04	1.3	31	1.0	44.5	1.1	1.0
UNION.....	50.0	9/28	2.8	52	1.0	44.8	10/02	3.7	50	1.0	33.3	1.3	1.0
RING AROUND													
RAX-95.....	51.2	9/16	2.7	43	1.0								
RAX-96.....	39.0	9/22	3.3	55	1.0								
RIVERSIDE													
2024.....	53.5	9/28	2.5	49	1.0	50.2	9/26	2.8	49	1.0			
2025.....	47.5	9/27	3.2	50	1.0	41.1	9/26	3.0	52	1.0	31.7	1.1	1.0
VORIS													
465.....	44.5	9/22	3.2	51	1.0	46.0	10/03	3.2	47	1.0			
AVERAGE.....	46.8	..	2.8	47	1.0	45.2	..	3.0	48	1.0	33.8	1.3	1.4
L.S.D. 10% LEVEL.....	6.5	..	0.3	3	..	4.4	..	0.5	9	..	4.9	..	..
L.S.D. 30% LEVEL.....	4.0	..	0.2	2	..	2.7	..	0.3	6	..	3.1	..	..
STD ERR OF MEAN.....	2.7	..	0.1	1	0.0	1.8	..	0.2	4	0.0	2.1	..	..

Soybean Variety Trial Results
URBANA (7-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP I													
GOLD TAG													
GT 1170.....	52.2	9/08	3.7	43	1.0	70.8	9/10	2.3	42	1.0			
MATURITY GROUP II													
AGRIPRO													
AP 240.....	52.9	9/12	3.5	39	1.0								
AGRO-SOY													
31.....	59.9	9/13	3.7	40	1.0	70.0	9/18	2.5	42	1.0			
AG-SEEDS													
7250.....	57.8	9/22	2.7	49	1.0	64.8	9/24	3.3	46	1.0	41.3	1.2	2.0
ASGROW													
A2575.....	52.9	9/10	2.7	43	1.0	71.7	9/12	1.8	41	1.0	52.4	1.0	2.0
A2858.....	53.7	9/12	3.3	34	1.0	66.2	9/18	2.5	35	1.0	48.1	1.0	1.0
CALLAHAN													
1250.....	56.0	9/14	3.8	41	1.0	82.5	9/19	2.5	43	1.0			
9240R.....	52.2	9/10	2.8	40	1.0	76.3	9/18	2.8	40	1.0			
CFS													
23.....	53.4	9/13	4.2	41	1.0								
DAIRYLAND													
DSR-212.....	52.6	9/09	2.8	40	1.0								
DSR-227.....	50.3	9/12	2.8	42	1.0	74.4	9/20	2.7	47	1.0			
DSR-232.....	53.0	9/13	3.2	44	1.0	64.2	9/18	3.2	46	1.0			
82-242.....	54.0	9/14	3.3	43	1.0								
DE SOY													
700.....	51.1	9/16	3.5	45	1.0								
750.....	54.6	9/14	3.5	41	1.0								
777A.....	57.5	9/15	3.0	44	1.0								
808.....	58.9	9/14	3.0	42	1.0								
DIENER BROS.													
DB210.....	53.5	9/12	2.8	41	1.0	69.5	9/17	1.8	42	1.0			
DB28.....	53.9	9/12	3.7	40	1.0								
FS HISOY													
HS 235.....	57.2	9/12	3.5	42	1.0	68.6	9/17	2.9	43	1.0			
HS 265.....	52.1	9/14	2.0	36	1.0	70.4	9/20	1.8	39	1.0	51.7	1.0	1.0
226.....	57.5	9/11	3.2	41	1.0	72.6	9/13	2.1	38	1.0			
280.....	59.5	9/15	3.3	42	1.0	60.6	9/19	3.0	39	1.0	51.8	1.1	1.0
FULVAR													
241.....	50.1	9/12	3.0	44	1.0	71.0	9/17	2.3	45	1.0			
261.....	52.2	9/15	3.0	45	1.0	68.9	9/19	2.2	44	1.0			
FUNK													
G-3236.....	49.3	9/11	3.7	39	1.0	59.6	9/18	2.5	37	1.0	47.5	1.0	1.0
12155.....	55.8	9/14	3.3	38	1.0								
FURROW SEED CO.													
ST 215.....	54.6	9/12	2.8	40	1.0	71.1	9/16	2.7	44	1.0			
ST 259.....	51.8	9/10	4.2	42	1.0	62.5	9/16	2.8	47	1.0	46.9	1.0	1.0
ST 271.....	61.4	9/14	3.5	40	1.0								
GEO. KELLER & SONS CO.													
K-916.....	55.6	9/14	3.5	40	1.0								
GOLD TAG													
BRAND 1270.....	60.4	9/14	3.7	40	1.0	76.1	9/18	2.2	41	1.0			
GT 1250.....	49.5	9/10	3.5	43	1.0	69.6	9/17	2.0	40	1.0			
HOBLIT													
BOUNTY.....	58.1	9/13	4.0	40	1.0								
J M SCHULTZ													
JMS 2382.....	56.0	9/15	3.8	39	1.0								
SHAWNEE II.....	51.8	9/11	2.7	41	1.0	69.6	9/15	2.3	40	1.0	42.2	1.0	2.0
SHAWNEE.....	50.5	9/11	4.0	41	1.0	65.2	9/17	3.6	43	1.0	45.6	1.1	1.0
KITCHEN													
KSC 180.....	52.8	9/09	2.3	39	1.0	64.9	9/13	2.3	41	1.0			
KRUGER													
KB-252.....	55.3	9/15	3.3	40	1.0								
K-2120.....	55.9	9/13	2.8	42	1.0								
K-2199.....	59.4	9/15	3.0	40	1.0								
LANDERS													
2908.....	57.9	9/15	3.5	39	1.0	65.1	9/18	2.7	43	1.0			
MASCO													
8133.....	50.4	9/10	3.5	41	1.0	63.1	9/13	2.5	42	1.0			
82-2.....	51.4	9/12	2.7	44	1.0	73.2	9/17	2.5	43	1.0			
MC CUBBIN													
SHILOH.....	50.6	9/12	2.8	40	1.0								
1X-124.....	58.4	9/13	3.5	40	1.0								
MC CURDY													
102+.....	50.8	9/08	4.2	40	1.0	61.8	9/12	2.8	39	1.0			

URBANA (7-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MERSCHMAN													
CHEYENNE II.....	60.0	9/14	3.2	40	1.0								
SAUK.....	51.4	9/13	3.0	42	1.0								
SHAWNEE II.....	51.0	9/10	3.0	42	1.0	71.9	9/17	2.3	43	1.0	46.9	1.0	2.0
MIGRO													
HP2530.....	60.8	9/11	2.5	37	1.0	74.3	9/17	2.9	36	1.0	44.9	1.0	2.0
NOBLE													
NB 2100.....	52.9	9/10	3.0	45	1.0	66.1	9/15	2.3	44	1.0			
NB 2600.....	52.6	9/11	2.5	41	1.0	76.5	9/17	2.3	42	1.0			
NORTHROP KING CO.													
MV24-59.....	56.3	9/09	2.8	41	1.0	74.2	9/15	2.7	41	1.0			
S1492.....	52.6	9/11	3.2	39	1.0	72.9	9/14	2.8	40	1.0	46.5	1.0	2.0
S2596.....	53.4	9/10	2.3	39	1.0	70.2	9/14	1.8	38	1.0	47.8	1.0	1.0
PFIZER GENETICS													
EC312.....	53.0	9/13	3.8	39	1.0								
PUBLIC VARIETY													
AMSOY 71.....	50.3	9/10	4.3	42	1.0	57.9	9/15	2.5	46	1.0	44.6	1.0	2.0
BEESON 80.....	50.1	9/11	3.7	40	1.0	60.3	9/16	2.5	35	1.0	46.7	1.0	2.0
BSR 201.....	57.9	9/13	3.2	40	1.0								
CENTURY.....	50.5	9/11	2.8	43	1.0	65.5	9/16	2.3	42	1.0	43.7	1.0	2.0
CORSOY 79.....	51.5	9/07	4.0	41	1.0	63.9	9/12	3.1	43	1.0	47.8	1.1	1.0
GNOME.....	47.7	9/14	1.0	20	1.0	67.9	9/26	1.0	22	1.0	41.0	1.0	1.0
WELLS II.....	51.5	9/10	3.2	40	1.0	63.3	9/13	2.0	43	1.0	41.9	1.0	2.0
SRF													
205.....	51.9	9/11	4.2	41	1.0								
250.....	52.1	9/14	2.0	40	1.0	70.7	9/21	1.8	45	1.0	44.6	1.0	2.0
SUPERSOY													
450.....	54.8	9/16	3.2	41	1.0	68.1	9/20	2.5	44	1.0			
455.....	49.7	9/14	2.5	39	1.0								
S BRAND													
S 46C.....	58.7	9/13	3.2	40	1.0								
S 47B.....	60.7	9/16	3.5	42	1.0	79.7	9/20	2.5	41	1.0			
S 47C.....	53.0	9/03	3.5	39	1.0								
TRISLER													
TRISOY 201.....	55.7	9/10	3.0	42	1.0	67.9	9/14	2.8	45	1.0	43.7	1.0	1.0
TRISOY 211.....	57.4	9/13	3.8	39	1.0	70.7	9/19	2.7	38	1.0			
TRISOY 215.....	48.2	9/14	3.3	41	1.0								
VORIS													
247.....	51.4	9/09	2.5	39	1.0	69.2	9/15	1.7	43	1.0	40.3	1.0	2.0
285.....	57.0	9/22	2.8	48	1.0						43.7	1.0	1.0
AVERAGE (GROUPS I & II)...	54.1	..	3.2	41	1.0	67.9	..	2.5	41	1.0	45.7	1.0	1.6
L.S.D. 10% LEVEL.....	4.9	..	0.5	3	..	8.0	..	0.6	4	..	6.0	..	..
L.S.D. 30% LEVEL.....	3.1	..	0.3	2	..	5.0	..	0.4	2	..	3.8	..	..
STD ERR OF MEAN.....	2.1	..	0.2	1	0.0	3.4	..	0.3	2	0.0	2.6	..	..

MATURITY GROUP III

AGRIPRO													
AP 250.....	62.9	9/16	2.5	46	1.0	56.7	9/24	3.2	47	1.0	42.9	1.0	2.0
25.....	54.8	9/14	2.5	43	1.0	55.1	9/25	3.0	48	1.0	42.6	1.0	1.0
26.....	55.0	9/21	2.8	48	1.0								
27.....	61.8	9/17	3.0	44	1.0								
AGRO-SOY													
38.....	57.6	9/15	3.2	42	1.0								
46.....	59.1	9/18	3.0	42	1.0								
AG-SEEDS													
KING.....	51.0	9/27	2.8	46	1.0	56.1	9/27	3.5	48	1.0	38.7	1.1	2.0
AMERICANA													
RAELYN.....	53.0	9/19	3.7	35	1.0								
REBEL.....	47.8	9/26	4.0	38	1.0								
ASGROW													
A3127.....	64.0	9/17	2.3	40	1.0	73.9	9/26	2.7	41	1.0	52.1	1.0	1.0
A3659.....	56.5	9/24	1.7	38	1.0	58.6	9/26	2.8	42	1.0	50.4	1.0	1.0
BERGMANN-TAYLOR													
BT 330.....	53.7	9/18	3.0	43	1.0								
BT 380.....	45.6	9/28	3.0	37	1.0								
BT 390.....	58.8	9/29	3.0	49	1.0								
CALLAHAN													
3310.....	58.9	9/17	3.3	44	1.0								
CFS													
34.....	52.6	9/19	2.5	41	1.0								
DAIRYLAND													
DSR-303.....	48.5	9/17	3.3	44	1.0	58.5	9/26	4.2	52	1.0			
DSR-312.....	51.5	9/16	3.3	49	1.0								
DSR-320.....	56.6	9/30	2.7	44	1.0	60.9	9/26	3.5	44	1.0			
DSR-352.....	45.0	9/26	3.8	39	1.0	61.6	10/01	4.0	44	1.0			
DE SOY													
875.....	59.7	9/20	3.2	45	1.0								

URBANA (7-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
ELITE													
242.....	54.0	9/15	2.7	44	1.0								
342.....	52.0	9/24	3.0	52	1.0								
382.....	54.5	9/14	3.2	44	1.0								
FS HISOY													
HS 320.....	54.6	9/18	3.2	46	1.0	64.6	9/25	4.2	55	1.0			
HS 322.....	55.4	9/18	3.3	44	1.0								
350.....	62.8	9/26	2.5	46	1.0	57.3	9/30	3.7	48	1.0	42.5	1.0	2.0
FULVAR													
331.....	61.0	9/18	2.7	46	1.0	61.7	9/26	4.0	46	1.0			
FUNK													
G-3340.....	48.7	9/15	3.5	42	1.0	56.7	9/24	4.3	51	1.0	43.8	1.2	1.0
12172.....	44.5	9/13	3.5	38	1.0								
GEO. KELLER & SONS CO.													
GRANT.....	59.3	9/19	2.8	45	1.0	57.9	9/25	4.2	52	1.0			
K-917.....	53.4	9/15	3.3	42	1.0								
JACQUES													
J 110 EXP.....	54.0	9/19	3.3	40	1.0								
J M SCHULTZ													
JMS 3482.....	56.3	9/19	3.3	44	1.0	64.3	9/26	3.7	48	1.0			
WASHINGTON S.....	53.7	9/16	3.0	39	1.0	58.4	9/26	4.0	51	1.0			
KITCHEN													
KSC 380.....	58.6	9/20	3.0	45	1.0								
LANDERS													
3912.....	57.6	9/28	3.0	49	1.0								
LEWIS													
32A.....	55.5	9/14	3.3	44	1.0								
MASCO													
DYNAMO-82.....	56.0	9/18	3.0	43	1.0								
422.....	51.0	9/22	3.0	42	1.0								
8156.....	53.4	9/28	3.0	40	1.0	47.4	9/26	3.8	49	1.0			
82-3.....	54.6	9/13	3.0	45	1.0	64.5	9/29	3.7	51	1.0			
MC CUBBIN													
LEO II.....	60.9	9/18	2.8	48	1.0								
TROY II.....	56.8	9/17	3.0	45	1.0								
MC CURDY													
109+.....	51.2	9/22	3.2	45	1.0	60.7	9/26	3.7	58	1.0			
385B.....	55.6	9/17	3.5	41	1.0								
MERSCHMAN													
JEFFERSON III.....	58.8	9/18	3.5	47	1.0								
JEFFERSON II.....	58.2	9/21	2.8	46	1.0	57.8	9/25	4.2	47	1.0	45.8	1.0	2.0
KENNEDY.....	57.5	9/15	3.0	44	1.0	59.0	9/25	3.7	46	1.0	41.0	1.0	1.0
TRUMAN II.....	56.4	9/18	3.0	43	1.0								
WASHINGTON V.....	56.7	9/19	3.2	48	1.0								
MIGRO													
EX 1051.....	55.1	9/12	3.5	39	1.0								
HP3700.....	55.7	9/23	2.7	44	1.0	65.1	9/27	3.2	45	1.0			
NOBLE													
NB 3131.....	56.2	9/17	3.0	44	1.0								
NORTHROP KING CO.													
729178.....	60.2	10/02	2.5	42	1.0								
PFIZER GENETICS													
CX321.....	44.1	9/15	3.8	41	1.0								
CX380.....	54.9	9/23	2.8	45	1.0						43.3	1.0	1.0
EC1147.....	58.7	9/22	2.5	42	1.0								
PUBLIC VARIETY													
CUMBERLAND.....	56.5	9/17	3.5	41	1.0	64.0	9/26	3.7	47	1.0	44.0	1.1	1.0
ELF.....	50.7	9/29	1.0	23	1.0	59.4	9/27	1.5	21	1.0	47.8	1.0	1.0
FAYETTE.....	60.3	9/27	2.5	47	1.0	58.2	9/27	3.7	52	1.0			
HOBBIT.....	53.7	9/16	1.3	21	1.0	69.1	9/26	1.7	28	1.0			
PELLA.....	59.4	9/14	2.5	44	1.0	63.2	9/24	3.0	49	1.0	43.2	1.0	1.0
SPRITE.....	49.4	9/16	1.3	21	1.0	63.5	9/26	1.7	22	1.0	44.5	1.0	1.0
WILLIAMS 79.....	58.1	9/25	2.7	46	1.0	55.3	9/28	3.5	49	1.0	43.5	1.1	1.0
WILLIAMS 82.....	52.3	9/27	3.0	45	1.0								
WILL.....	51.2	9/17	3.3	38	1.0	53.1	9/26	3.3	40	1.0	41.5	1.0	1.0
RIVERSIDE													
202R.....	53.0	9/21	2.7	45	1.0	61.2	9/26	3.2	47	1.0			
SUPERSOY													
470.....	49.2	9/29	3.0	46	1.0								
S BRAND													
S 52A.....	59.5	9/19	3.3	41	1.0	58.1	9/28	4.0	49	1.0			
S 56A.....	58.7	9/19	2.8	43	1.0								
S 56.....	57.3	9/17	3.5	44	1.0	58.8	9/27	3.7	48	1.0			
S 60C.....	54.0	9/16	3.0	44	1.0								
TRISLER													
TRISOY 301.....	50.3	9/18	3.3	45	1.0	68.1	9/28	3.8	50	1.0	43.0	1.1	2.0
TRISOY 302.....	54.3	9/19	2.8	45	1.0						39.6	1.0	2.0
TRISOY 322.....	57.7	9/16	4.4	45	1.0								
AVERAGE.....	55.1	..	3.0	43	1.0	60.3	..	3.6	47	1.0	42.8	1.1	1.4
L.S.D. 10% LEVEL.....	5.5	..	0.6	3	..	6.7	..	0.4	7	..	4.7	..	..
L.S.D. 30% LEVEL.....	3.4	..	0.4	2	..	4.2	..	0.3	4	..	2.9	..	..
STD ERR OF MEAN.....	2.3	..	0.2	1	0.0	2.9	..	0.2	3	0.0	2.0	..	..

URBANA (7-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP IV													
AGRO-SOY													
64.....	55.3	10/01	2.8	50	1.0								
GEO. KELLER & SONS CO.													
K-914.....	49.7	10/03	3.3	51	1.0	58.1	10/08	3.8	53	1.0			
MERSCHMAN													
CLEVELAND.....	50.9	10/02	2.8	50	1.0								
RICHMOND.....	51.7	10/01	3.2	47	1.0								
NORTHROP KING CO.													
S40-44.....	49.8	9/28	2.2	41	1.0	52.1	10/01	2.8	46	1.0			
PUBLIC VARIETY													
DE SOTO.....	52.0	9/28	2.5	45	1.0	58.9	10/04	3.5	52	1.0			
FRANKLIN.....	47.5	9/28	2.5	46	1.0	41.7	10/03	4.0	48	1.0	26.8	1.2	1.0
LAWRENCE.....	48.2	9/29	2.8	47	1.0	59.3	10/04	3.0	46	1.0			
PIXIE.....	63.5	9/30	1.2	26	1.0	63.3	9/30	1.5	28	1.0	54.8	1.0	1.0
UNION.....	55.4	9/28	2.7	52	1.0	57.6	10/02	3.8	52	1.0	46.1	1.2	1.0
AVERAGE.....	52.4	..	2.6	46	1.0	56.1	..	3.3	47	1.0	42.0	1.2	1.0
L.S.D. 10% LEVEL.....	..	..	0.8	5	..	6.5	..	0.4	10	..	5.7	..	..
L.S.D. 30% LEVEL.....	..	..	0.5	3	..	4.0	..	0.2	6	..	3.5	..	..
STD ERR OF MEAN.....	4.0	..	0.3	2	0.0	2.6	..	0.2	4	0.0	2.3	..	..

Soybean Variety Trial Results PERRY (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP II													
AGRO-SOY													
31.....	48.7	9/12	1.8	39	1.0	38.8	9/23	1.3	33	1.0			
DAIRYLAND													
DSR-212.....	40.2	9/05	1.3	35	1.0								
DSR-227.....	51.4	9/08	2.0	39	1.0								
DSR-232.....	41.9	9/08	1.3	36	1.0								
82-242.....	49.4	9/08	1.7	42	1.0								
DUESTERHAUS													
L 12.....	48.5	9/08	1.5	36	1.0	38.6	9/23	1.5	34	1.0			
GEO. KELLER & SONS CO.													
K-916.....	48.1	9/10	1.5	36	1.0								
KITCHEN													
KSC 190.....	48.8	9/12	2.2	40	1.0								
LANDERS													
2908.....	48.2	9/12	1.7	38	1.0								
MC CUBBIN													
SHILOH.....	44.7	9/05	1.5	36	1.0								
1X-124.....	46.1	9/28	1.3	34	1.0								
MERSCHMAN													
CHEYENNE II.....	52.2	9/08	1.3	36	1.0								
SAUK.....	50.1	9/08	1.5	38	1.0								
SHAWNEE II.....	49.5	9/06	1.5	35	1.0								
MIGRO													
HP2530.....	48.0	9/16	1.3	29	1.0	45.7	9/23	1.5	38	1.0			
PFIZER GENETICS													
EC312.....	45.0	9/06	1.5	38	1.0								
PUBLIC VARIETY													
AMSOY 71.....	42.7	9/08	1.5	43	1.0	34.1	9/23	1.7	42	1.0			
BEESON 80.....	44.4	9/08	1.3	36	1.0	38.5	9/23	1.3	36	1.0			
CENTURY.....	45.6	9/06	1.3	37	1.0								
GNOME.....	48.2	9/16	1.5	22	1.0								

PERRY (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
RING AROUND													
RA-203.....	43.7	9/08	2.2	46	1.0								
RIVERSIDE													
303A.....	35.6	9/06	1.5	41	1.0								
4042.....	37.7	9/10	2.0	39	1.0	33.2	9/23	1.3	38	1.0	18.1	1.4	1.0
4044.....	41.0	9/10	2.0	42	1.0	38.9	9/23	1.8	37	1.0			
SHISSLER													
GR8-263.....	45.9	9/06	1.5	41	1.0								
GR8-265.....	44.8	9/06	1.7	42	1.0								
S BRAND													
S 46C.....	47.8	9/08	1.8	37	1.0								
S 47B.....	52.7	9/14	1.5	35	1.0								
S 47C.....	52.6	9/10	1.8	36	1.0								
AVERAGE.....	46.4	..	1.6	37	1.0	37.8	..	1.6	36	1.0	19.5	1.4	1.0
L.S.D. 10% LEVEL.....	6.1	..	0.4	4	..	..	..	0.5	4	..	2.4	..	..
L.S.D. 30% LEVEL.....	3.8	..	0.3	2	..	..	..	0.3	2	..	1.5	..	..
STD ERR OF MEAN.....	2.6	..	0.2	2	0.0	2.6	..	0.2	2	0.0	1.0	..	..
Maturity Group III													
AGRO-SOY													
46.....	57.0	9/16	1.5	42	1.0								
AG-SEEDS													
KING.....	51.4	9/21	1.2	43	1.0	51.1	9/30	1.7	42	1.0	27.9	1.2	1.0
ASGROW													
A3127.....	55.2	9/08	1.2	41	1.0	47.8	9/23	1.2	34	1.0	28.4	1.0	1.0
A3659.....	51.1	9/21	1.0	38	1.0	41.9	9/23	1.2	34	1.0	24.8	1.0	1.0
A3860.....	52.8	9/24	1.7	39	1.0	41.6	9/26	1.5	42	1.0	29.3	1.1	1.0
DAIRYLAND													
DSR-303.....	50.4	9/10	2.2	41	1.0	41.6	9/23	2.0	41	1.0			
DSR-312.....	51.2	9/06	2.3	49	1.0								
DSR-320.....	52.9	9/16	1.7	42	1.0	38.8	9/23	2.0	36	1.0			
DSR-352.....	58.3	9/24	2.0	40	1.0								
DUESTERHAUS													
L 13.....	54.6	9/10	2.0	45	1.0	54.8	9/23	2.5	42	1.0			
FS HISOY													
HS 320.....	55.8	9/10	2.5	43	1.0	54.3	9/23	2.0	32	1.0			
HS 322.....	59.3	9/16	2.2	41	1.0	52.5	9/23	1.8	38	1.0			
350.....	53.0	9/28	1.8	44	1.0	48.1	9/27	1.8	39	1.0	29.4	1.4	1.0
FUNK													
G-3340.....	50.5	9/06	2.2	40	1.0								
12172.....	52.0	9/06	2.2	37	1.0								
GEO. KELLER & SONS CO.													
GRANT.....	54.6	9/12	2.2	42	1.0	52.2	9/23	2.3	37	1.0	22.7	1.5	1.0
K-917.....	52.9	9/08	2.0	38	1.0								
J M SCHULTZ													
JMS 3482.....	61.1	9/16	1.7	40	1.0								
WASHINGTON 5.....	50.8	9/08	1.8	41	1.0	56.1	9/23	2.0	39	1.0	24.7	1.3	1.0
KITCHEN													
KSC 380.....	56.9	9/15	1.8	41	1.0	51.6	9/23	2.2	39	1.0			
KSC 383.....	57.2	9/24	2.5	41	1.0	51.1	9/23	2.0	36	1.0			
LANDERS													
3912.....	56.1	9/24	2.0	47	1.0								
LEWIS													
31.....	48.8	9/21	1.7	50	1.0	46.2	9/26	2.5	46	1.0			
37.....	51.8	9/07	2.0	38	1.0	48.6	9/23	1.8	39	1.0			
MC CUBBIN													
LEO II.....	51.3	9/06	2.2	45	1.0								
TROY II.....	56.2	9/16	1.8	42	1.0								
MERSCHMAN													
JEFFERSON III.....	57.2	9/08	2.0	38	1.0								
JEFFERSON II.....	52.4	9/10	1.9	43	1.0								
KENNEDY.....	52.2	9/08	1.5	39	1.0								
TRUMAN II.....	55.7	9/15	1.7	40	1.0								
WASHINGTON V.....	52.8	9/08	2.2	42	1.0								
MIGRO													
EX 1051.....	48.9	9/06	2.2	37	1.0								
HP3700.....	52.3	9/28	1.7	43	1.0	43.2	9/26	1.5	38	1.0			
NAPB													
EX 68225-32.....	49.3	9/10	2.2	42	1.0								
NORTHROP KING CO.													
MV32-67.....	50.4	9/16	2.3	42	1.0	41.7	9/23	2.2	39	1.0			
PFIZER GENETICS													
CX321.....	51.9	9/08	1.8	39	1.0	40.4	9/23	2.3	36	1.0			
CX380.....	49.0	9/21	1.3	41	1.0	48.0	9/23	1.7	38	1.0	30.1	1.2	1.0
EC1147.....	59.3	9/16	1.8	41	1.0								

PERRY (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
PUBLIC VARIETY													
CUMBERLAND.....	58.1	9/21	2.2	40	1.0	46.2	9/23	1.7	39	1.0	26.0	1.3	1.0
ELF.....	49.3	10/02	1.5	22	1.0	48.5	9/30	1.0	17	1.0	22.5	1.0	1.0
FAYETTE.....	53.0	9/24	2.0	44	1.0	43.0	10/01	2.2	41	1.0			
HOBBIT.....	48.5	9/12	1.0	26	1.0	46.1	9/30	1.0	19	1.0			
PELLA.....	51.8	9/06	1.7	41	1.0	47.0	9/23	1.5	39	1.0	26.4	1.2	1.0
SPRITE.....	50.1	9/24	1.3	23	1.0	46.3	9/30	1.0	19	1.0	11.9	1.0	1.0
WILLIAMS 79.....	51.0	9/21	1.7	43	1.0	45.0	9/23	2.0	38	1.0	24.0	1.2	1.0
WILLIAMS 82.....	54.1	9/24	1.5	42	1.0								
WILL.....	45.9	9/15	1.5	36	1.0	49.1	9/23	1.5	31	1.0	19.7	1.0	1.0
RIVERSIDE													
3033.....	54.3	9/08	1.5	37	1.0								
SHISSLER													
GR8-366.....	48.5	9/06	2.0	42	1.0								
GR8-367.....	53.6	9/12	2.2	38	1.0								
S BRAND													
S 52A.....	54.7	9/08	1.8	39	1.0								
S 56A.....	57.6	9/21	2.0	42	1.0								
S 56.....	59.3	9/21	1.8	41	1.0								
S 60C.....	56.0	9/21	1.8	40	1.0								
TRISLER													
TRISOY 301.....	55.3	9/12	2.0	45	1.0								
TRISOY 302.....	47.6	9/21	1.5	41	1.0								
TRISOY 322.....	55.4	9/10	2.0	38	1.0								
AVERAGE.....	53.3	..	1.8	40	1.0	47.2	..	1.9	37	1.0	25.6	1.3	1.0
L.S.D. 10% LEVEL.....	4.9	..	0.5	3	..	5.0	..	0.5	5	..	4.9	..	..
L.S.D. 30% LEVEL.....	3.1	..	0.3	2	..	3.2	..	0.3	3	..	3.0	..	..
STD ERR OF MEAN.....	2.1	..	0.2	1	0.0	2.1	..	0.2	2	0.0	2.1	..	..
MATURITY GROUP IV													
DUESTERHAUS													
L 14.....	59.1	10/02	1.5	46	1.0	50.2	9/30	2.0	41	1.0			
GEO. KELLER & SONS CO.													
K-914.....	60.9	10/12	2.3	52	1.0	54.6	9/26	2.2	43	1.0			
J M SCHULTZ													
JMS 4982.....	59.4	10/12	2.2	51	1.0								
VICTOR.....	56.8	10/02	1.8	44	1.0								
LEWIS													
43.....	62.3	10/02	1.8	44	1.0	49.1	9/28	2.3	40	1.0			
45.....	56.8	10/12	2.0	43	1.0								
46.....	58.4	10/02	2.2	45	1.0								
MC CUBBIN													
CARSON.....	58.5	10/12	2.5	50	1.0								
EX 4290.....	55.4	10/02	2.2	47	1.0								
MERSCHMAN													
CLEVELAND.....	54.1	9/28	1.8	42	1.0								
DALLAS.....	55.7	10/12	2.2	49	1.0								
RICHMOND.....	57.0	10/12	1.8	44	1.0								
MFA MOSOY													
PV42.....	57.6	10/02	1.7	43	1.0								
480.....	58.3	10/02	1.7	45	1.0								
MIDWEST OILSEEDS													
4310.....	57.3	9/24	2.2	46	1.0								
NORTHROP KING CO.													
MV95.....	56.4	10/12	2.2	49	1.0	47.1	9/28	2.3	43	1.0			
S40-44.....	49.2	9/21	1.0	41	1.0	49.4	9/27	1.5	38	1.0			
708182.....	59.6	10/02	1.8	49	1.0								
PUBLIC VARIETY													
DE SOTO.....	53.9	10/02	2.0	44	1.0	45.0	9/30	2.2	41	1.0	34.7	1.4	1.0
FRANKLIN.....	47.4	9/28	1.7	45	1.0	41.4	10/03	2.3	42	1.0	23.9	1.6	1.0
LAWRENCE.....	58.0	9/28	1.3	41	1.0	48.6	9/28	1.5	39	1.0			
PIXIE.....	58.2	10/06	1.5	24	1.0	47.9	9/30	1.0	18	1.0	20.9	1.0	1.0
UNION.....	52.6	9/28	1.8	46	1.0	47.0	9/30	2.2	43	1.0	23.8	1.6	1.0
AVERAGE.....	56.6	..	1.9	45	1.0	48.0	..	2.0	39	1.0	27.1	1.4	1.0
L.S.D. 10% LEVEL.....	4.5	..	0.4	3	..	..	..	0.5	7	..	4.5	..	..
L.S.D. 30% LEVEL.....	2.8	..	0.2	2	..	..	..	0.3	4	..	2.8	..	..
STD ERR OF MEAN.....	1.9	..	0.2	1	0.0	2.4	..	0.2	2	0.0	1.9	..	..

Soybean Variety Trial Results
BROWNSTOWN (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP II													
RING AROUND													
RA-203.....	37.6	9/06	3.0	41	1.0								
MATURITY GROUP III													
AGRO-SOY													
46.....	48.6	9/07	2.2	36	1.0								
AMERICANA													
REBEL.....	49.8	9/13	2.2	37	1.0	52.6	9/27	1.5	31	1.0			
ASGROW													
A3127.....	39.7	9/09	1.3	32	1.0	46.4	9/18	1.0	28	1.0	28.7	1.0	1.0
A3659.....	48.5	9/11	1.3	37	1.0	41.2	9/24	1.0	27	1.0	29.9	1.0	1.0
A3860.....	46.2	9/15	1.5	37	1.0	45.7	9/25	1.0	27	1.0	26.4	1.2	1.0
BELLATTI													
SEEDMAKER 1E.....	40.6	9/06	3.5	41	1.0	39.7	9/24	2.0	37	1.0	24.7	1.4	1.0
BERGMANN-TAYLOR													
BT 330.....	50.2	9/10	1.5	36	1.0								
BT 380.....	46.8	9/16	2.5	37	1.0								
BT 390.....	50.4	9/23	2.5	39	1.0								
CALLAHAN													
3380.....	50.4	9/18	2.3	39	1.0								
COKER													
393.....	48.9	9/19	1.3	34	1.0								
DIENER BROS.													
DB310.....	41.5	9/03	2.8	36	1.0								
DB340.....	44.6	9/11	2.3	41	1.0								
FS HISOY													
HS 320.....	43.4	9/07	2.3	39	1.0	37.9	9/12	1.2	33	1.0			
HS 322.....	50.2	9/06	2.5	39	1.0	46.4	9/18	1.2	30	1.0			
HS 360.....	52.0	9/20	2.8	41	1.0	63.3	9/30	1.3	37	1.0			
350.....	48.5	9/18	2.2	40	1.0	45.0	9/26	1.2	34	1.0	38.7	1.2	1.0
FUNK													
12172.....	46.2	9/05	2.5	36	1.0								
GOLD TAG													
GT 1380.....	51.7	9/15	2.2	41	1.0						27.1	1.0	1.0
HOBLIT													
SHILOH I.....	50.2	9/14	2.0	38	1.0								
J M SCHULTZ													
JMS 3482.....	49.1	9/10	1.8	36	1.0	43.2	9/25	1.2	33	1.0			
WASHINGTON 5.....	44.8	9/08	2.3	37	1.0	37.6	9/22	1.3	31	1.0			
KITCHEN													
KSC 380.....	50.3	9/09	2.5	40	1.0	45.0	9/22	1.0	30	1.0			
KSC 383.....	50.0	9/14	2.8	36	1.0								
LANDERS													
3912.....	50.7	9/15	3.2	44	1.0								
LOWE SEED													
366.....	47.3	9/06	2.7	39	1.0								
MC CURDY													
109+.....	42.1	9/08	2.5	39	1.0	49.4	9/24	1.2	40	1.0			
308+.....	44.5	9/07	2.5	44	1.0								
MERSCHMAN													
KENNEDY.....	39.6	9/03	3.0	35	1.0	47.3	9/21	1.3	33	1.0	31.9	1.2	1.0
MIGRO													
EX 1051.....	41.4	9/01	2.3	38	2.0								
HP3700.....	46.0	9/09	1.8	40	1.0	49.2	9/27	1.5	34	1.0			
NAPB													
EX 68225-40.....	40.3	9/05	2.2	39	1.0								
EX 73030-32.....	42.9	9/05	1.8	36	1.0								
NORTHROP KING CO.													
MV32-67.....	44.9	9/06	2.7	39	1.0	38.8	9/15	1.2	30	1.0			
367304.....	49.5	9/07	2.3	39	1.0								
729178.....	43.7	9/06	2.2	39	1.3								
PAYMASTER													
351.....	40.7	9/08	3.0	37	1.0	40.6	9/22	1.2	34	1.0			
401.....	38.7	9/09	1.8	37	1.0	45.7	9/23	1.2	31	1.0	27.0	1.2	1.0
PFIZER GENETICS													
CX321.....	42.1	9/06	2.5	37	1.0								
CX380.....	48.2	9/12	1.7	39	1.0	45.8	9/27	1.0	33	1.0	32.1	1.0	1.0
EC1147.....	51.0	9/08	2.5	38	1.0								
PRAIRIE STATE COMMODITIES													
PSC 1403.....	49.0	9/14	2.2	37	1.0								
PSC 1404.....	48.0	9/20	2.5	42	1.0								

BROWNSTOWN (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
PUBLIC VARIETY													
CUMBERLAND.....	44.5	9/08	2.3	37	1.0	45.7	9/23	1.0	29	1.0	26.9	1.1	1.0
ELF.....	43.9	9/15	1.0	17	1.0	43.8	9/25	1.0	19	1.0			
FAYETTE.....	39.4	9/09	2.3	41	1.0	50.6	9/27	1.5	38	1.0			
HOBBIT.....	37.6	9/03	1.0	19	1.0	43.3	9/15	1.0	20	1.0			
PELLA.....	43.6	9/05	2.0	37	1.0	46.3	9/20	1.0	31	1.0	31.1	1.0	1.0
SPRITE.....	35.8	9/09	1.0	15	1.0	40.1	9/22	1.0	19	1.0	13.7	1.0	1.0
WILLIAMS 82.....	46.8	9/11	2.2	42	1.0	43.4	9/26	1.0	30	1.0			
WILL.....	38.9	9/05	2.0	29	1.0	38.4	9/18	1.0	28	1.0	29.0	1.0	1.0
RING AROUND													
RA-31.....	44.5	9/14	2.2	41	1.0								
RIVERSIDE													
202R.....	40.8	9/09	1.8	38	1.0	50.4	9/26	1.0	34	1.0			
SEEDMAKERS													
72118H.....	46.3	9/11	2.5	42	1.0								
9-E.....	47.0	9/16	3.5	43	1.0	33.3	9/28	1.3	38	1.0	34.8	1.2	1.0
TAYLOR-EVANS													
GOLDEN ACRES GA 8350.....	44.4	9/12	2.7	40	1.0								
TRISLER													
TRISOY 301.....	47.8	9/06	3.0	41	1.0	41.4	9/22	1.3	34	1.0	25.7	1.2	1.0
TRISOY 302.....	42.5	9/11	1.7	41	1.0	43.8	9/25	1.0	32	1.0	31.0	1.0	1.0
TRISOY 322.....	42.0	9/03	2.7	36	1.3								
VORIS													
EXP. 0120.....	44.8	9/15	3.2	45	1.0								
EXP. 0550.....	46.0	9/08	2.5	41	1.0								
339.....	43.1	9/03	2.5	36	1.0	46.8	9/26	1.2	34	1.0	35.9	1.1	1.0
AVERAGE (GROUPS II & III)	45.2	..	2.3	38	1.0	43.0	..	1.2	32	1.0	29.3	1.1	1.0
L.S.D. 10% LEVEL.....	3.5	..	0.6	4	0.2	6.3	..	0.4	4	..	5.9	..	..
L.S.D. 30% LEVEL.....	2.2	..	0.4	2	0.1	4.0	..	0.2	2	..	3.7	..	..
STD ERR OF MEAN.....	1.5	..	0.3	2	0.1	2.7	..	0.2	2	0.0	2.5	..	..
MATURITY GROUP IV													
AGRIPRO													
AP 350.....	52.5	9/15	2.8	42	1.0	49.1	9/30	1.2	37	1.0	34.3	1.0	1.0
AP 420.....	50.7	9/20	3.3	46	1.0								
AGRO-SOY													
64.....	52.5	9/17	3.5	45	1.0	52.4	9/28	1.3	37	1.0			
69.....	55.8	9/25	3.5	40	1.0	54.2	10/02	1.0	37	1.0			
AMERICANA													
B528.....	40.2	9/08	3.2	39	1.0								
CONCORD.....	44.8	9/11	3.2	42	1.0	46.6	9/28	1.2	33	1.0	29.0	1.1	1.0
HANCOCK.....	52.8	9/24	3.0	42	1.0	57.4	9/30	1.2	34	1.0	27.8	1.0	1.0
REVERE.....	43.8	9/15	2.7	44	1.0	44.9	9/26	1.2	35	1.0			
ASGROW													
A4268.....	45.8	9/19	2.3	39	1.0	48.0	9/28	1.2	28	1.0	30.9	1.0	1.0
BELLATTI													
EXP. W. W.	43.5	9/20	4.0	40	1.0								
SEMI-DWARF.....	41.5	9/26	3.2	39	1.0	41.3	10/03	1.0	25	1.0	32.3	1.0	1.0
FS HISOY													
425.....	52.0	9/21	2.8	42	1.0	48.1	9/29	1.0	34	1.0	32.4	1.1	1.0
GOLD TAG													
GT 1440.....	45.3	9/23	2.8	40	1.0						35.4	1.2	1.0
J M SCHULTZ													
JMS 4982.....	62.2	9/25	3.3	46	1.0	58.4	10/03	1.2	37	1.0			
MITCHELL.....	54.8	9/24	3.5	42	1.0	47.6	9/27	1.0	32	1.0	36.0	1.1	1.0
VICTOR.....	56.3	9/21	3.2	42	1.0	42.0	10/01	1.0	29	1.0	29.1	1.0	1.0
LANDERS													
4920.....	55.3	9/28	3.2	46	1.0	51.5	10/03	1.2	36	1.0			
LEWIS													
43.....	48.7	9/20	2.8	40	1.0	51.1	9/27	1.2	35	1.0			
45.....	47.4	9/18	3.2	41	1.0								
46.....	43.8	9/18	3.0	35	1.0								
49.....	58.4	9/26	3.5	47	1.0	50.3	9/30	1.2	36	1.0			
LOWE SEED													
399A.....	50.2	9/21	2.8	40	1.0								
MC CUBBIN													
CARSON.....	58.4	9/25	3.3	46	1.0								
EX 4290.....	47.6	9/21	2.8	38	1.0								
MC CURDY													
500A.....	41.7	9/15	2.8	42	1.0								
MERSCHMAN													
CLEVELAND.....	53.8	9/21	2.5	41	1.0	48.8	9/28	1.3	33	1.0	27.0	1.0	1.0
DALLAS.....	57.1	9/28	3.2	45	1.0	57.4	10/03	1.0	40	1.0			
RICHMOND.....	53.0	9/24	3.2	41	1.0	49.7	9/30	1.3	34	1.0	27.8	1.0	1.0
MIGRO													
HP4800.....	45.1	9/17	3.0	34	1.0	46.4	9/28	1.2	31	1.0			

BROWNSTOWN (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
NORTHROP KING CO.													
MV95.....	54.0	9/25	3.2	44	1.0	53.6	9/30	1.3	34	1.0			
708182.....	50.2	9/24	2.5	46	1.0								
PFIZER GENETICS													
CX482.....	57.9	9/28	3.2	47	1.0								
PUBLIC VARIETY													
DE SOTO.....	46.1	9/20	2.3	44	1.0	49.6	9/30	1.3	34	1.0	31.6	1.1	1.0
FRANKLIN.....	45.8	9/21	2.8	41	1.0	43.9	9/28	1.2	36	1.0	31.2	1.1	1.0
LAWRENCE.....	47.9	9/12	2.5	39	1.0	44.2	9/29	1.3	31	1.0			
PIXIE.....	38.2	9/16	1.5	16	1.0	47.5	9/27	1.0	19	1.0	29.1	1.0	1.0
UNION.....	45.1	9/12	3.5	43	1.0	42.1	9/26	1.0	34	1.0	31.1	1.1	1.0
RING AROUND													
RA-36.....	44.6	9/18	3.3	43	1.0								
RA-403.....	46.6	9/23	3.3	41	1.0								
RIVERSIDE													
2024.....	49.2	9/11	2.7	42	1.0	47.6	9/27	1.2	36	1.0			
2025.....	40.5	9/16	3.3	42	1.0	45.0	9/27	1.0	35	1.0	34.3	1.0	1.0
TAYLOR-EVANS													
GOLDEN ACRES GA 8450.....	52.5	9/23	2.8	43	1.0								
VORIS													
495.....	51.0	9/29	2.8	45	1.0	49.3	10/05	1.2	38	1.0			
MATURITY GROUP V													
RING AROUND													
RA-401.....	56.6	10/03	2.7	41	1.0	46.0	10/07	1.2	34	1.0			
AVERAGE (GROUPS IV & V)...	49.6	..	3.0	41	1.0	47.2	..	1.2	34	1.0	29.7	1.1	1.0
L.S.D. 10% LEVEL.....	4.9	..	0.4	3	..	7.5	..	..	4	..	5.1	..	..
L.S.D. 30% LEVEL.....	3.1	..	0.3	2	..	4.7	..	..	3	..	3.3	..	..
STD ERR OF MEAN.....	2.1	..	0.2	1	0.0	3.2	..	0.2	2	0.0	2.2	..	..

Soybean Variety Trial Results

BROWNSTOWN (7-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP II													
DIENER BROS.													
DB210.....	36.8	9/05	2.8	31	1.0								
DB28.....	35.1	9/04	2.7	29	1.0								
MATURITY GROUP III													
ASGROW													
A3127.....	44.8	9/09	2.5	35	1.0	42.8	9/22	1.0	26	1.0	34.9	1.0	1.0
A3659.....	42.8	9/11	2.0	33	1.0	42.6	9/24	1.0	24	1.0	36.2	1.0	1.0
BERGMANN-TAYLOR													
BT 330.....	43.9	9/11	3.7	34	1.0								
BT 380.....	37.4	9/16	3.8	30	1.0								
BT 390.....	54.1	9/21	3.5	34	1.0								
COKER													
393.....	40.1	9/18	2.8	39	1.0								
FS HISOY													
HS 320.....	43.1	9/07	4.3	37	1.0	47.8	9/18	1.3	31	1.0			
HS 322.....	48.1	9/10	3.7	34	1.0								
HS 360.....	57.9	9/23	3.8	36	1.0								
350.....	50.5	9/19	3.5	38	1.0	57.4	9/28	1.3	32	1.0	34.6	1.2	1.0
GOLD TAG													
GT 1380.....	62.8	9/19	3.2	33	1.0								
JACQUES													
J 110 EXP.....	38.0	9/10	2.8	33	1.0								

BROWNSTOWN (7-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
J M SCHULTZ													
JMS 3482.....	49.2	9/10	4.0	36	1.0	55.4	9/24	1.0	28	1.0			
WASHINGTON 5.....	39.6	9/09	4.0	31	1.0	47.8	9/23	1.0	26	1.0			
KITCHEN													
KSC 380.....	48.0	9/10	4.2	32	1.0	59.5	9/25	1.2	30	1.0			
KSC 383.....	45.9	9/16	3.5	35	1.0								
LANDERS													
3912.....	52.9	9/16	3.5	38	1.0								
NORTHROP KING CO.													
MV32-67.....	42.1	9/12	4.2	35	1.0	49.0	9/19	1.3	29	1.0			
367304.....	41.3	9/10	3.2	34	1.0								
729178.....	40.9	9/06	3.7	29	1.0								
PFIZER GENETICS													
CX321.....	38.3	9/08	3.5	32	1.0								
CX380.....	44.1	9/12	3.7	31	1.0	47.6	9/24	1.0	28	1.0			
PUBLIC VARIETY													
CUMBERLAND.....	43.4	9/10	3.5	35	1.0	54.6	9/25	1.0	29	1.0	30.0	1.1	1.0
ELF.....	38.6	9/15	1.3	20	1.0	57.3	9/28	1.0	18	1.0	25.4	1.0	1.0
FAYETTE.....	36.6	9/11	3.3	39	1.0	47.9	9/27	1.3	30	1.0			
HOBBIT.....	35.3	9/09	1.3	20	1.0	45.0	9/18	1.0	19	1.0			
PELLA.....	46.9	9/05	3.0	32	1.0	57.2	9/24	1.0	30	1.0	31.6	1.0	1.0
SPRITE.....	35.4	9/11	1.0	19	1.0	51.7	9/20	1.0	17	1.0	11.4	1.0	1.0
WILLIAMS 79.....	43.6	9/11	2.7	38	1.0	49.5	9/25	1.0	31	1.0	29.0	1.0	1.0
WILLIAMS 82.....	44.2	9/16	2.8	34	1.0	51.6	9/26	1.0	31	1.0			
WILL.....	33.0	9/09	3.2	24	1.0	41.2	9/17	1.0	26	1.0	25.8	1.0	1.0
TRISLER													
TRISOY 322.....	40.6	9/05	4.2	33	1.0								
VORIS													
339.....	47.1	9/08	4.7	36	1.0	55.7	9/25	1.2	32	1.0	32.7	1.0	1.0
AVERAGE (GROUPS II & III)	43.0	..	3.2	32	1.0	49.6	..	1.1	28	1.0	29.6	1.1	1.0
L.S.D. 10% LEVEL.....	6.4	..	0.9	6	..	7.4	..	..	4	..	4.5	..	..
L.S.D. 30% LEVEL.....	4.0	..	0.6	4	..	4.6	..	..	2	..	2.8	..	..
STD ERR OF MEAN.....	2.7	..	0.4	3	0.0	3.2	..	0.1	2	0.0	1.9	..	..
MATURITY GROUP IV													
AGRIPRO													
AP 350.....	54.4	9/16	3.8	37	1.0	62.4	10/04	2.3	39	1.0	27.7	1.1	1.0
AP 420.....	54.2	9/20	4.3	40	1.0								
ASGROW													
A4268.....	48.9	9/17	2.5	36	1.0	54.7	9/28	1.0	29	1.0	31.5	1.0	1.0
FS HISOY													
425.....	48.7	9/24	4.2	37	1.0								
J M SCHULTZ													
JMS 4982.....	50.6	9/27	4.0	42	1.0	54.9	10/02	1.7	36	1.0			
MITCHELL.....	51.2	9/26	3.7	38	1.0	54.7	10/06	2.2	33	1.0			
MC CURDY													
500A.....	43.2	9/16	4.0	38	1.0	54.4	9/26	1.3	32	1.0	32.5	1.1	1.0
MERSCHMAN													
CLEVELAND.....	54.6	9/21	3.7	37	1.0								
DALLAS.....	44.2	9/28	4.3	42	1.0								
RICHMOND.....	54.8	9/24	3.8	36	1.0								
MIGRO													
HP4800.....	48.9	9/18	3.0	33	1.0	48.4	9/26	1.2	26	1.0			
NORTHROP KING CO.													
MV95.....	49.7	9/26	3.8	39	1.0	50.0	9/30	1.3	31	1.0			
PUBLIC VARIETY													
DE SOTO.....	45.0	9/21	3.0	40	1.0	50.2	9/29	1.2	32	1.0	31.6	1.0	1.0
FRANKLIN.....	45.2	9/20	3.3	35	1.0	52.6	9/28	1.5	37	1.0	27.2	1.1	1.0
LAWRENCE.....	45.5	9/15	2.7	36	1.0	48.1	9/29	1.3	28	1.0			
PIXIE.....	43.6	9/18	1.2	18	1.0	49.4	9/27	1.0	18	1.0	24.3	1.0	1.0
UNION.....	49.9	9/18	3.8	38	1.0	52.5	9/28	1.7	38	1.0	34.2	1.1	1.0
RIVERSIDE													
2024.....	46.0	9/16	3.3	38	1.0	48.2	9/27	1.5	35	1.0			
2025.....	36.5	9/20	4.0	39	1.0						29.8	1.0	1.0
VORIS													
465.....	40.9	9/16	4.0	40	1.0	53.5	9/27	1.7	37	1.0			
AVERAGE.....	48.5	..	3.6	37	1.0	50.4	..	1.4	32	1.0	29.2	1.1	1.0
L.S.D. 10% LEVEL.....	..	..	0.8	4	..	8.0	..	..	4	..	..	..	..
L.S.D. 30% LEVEL.....	..	..	0.5	2	..	5.0	..	..	2	..	..	..	..
STD ERR OF MEAN.....	4.4	..	0.3	2	0.0	3.4	..	0.3	2	0.0	2.2	..	..

Soybean Variety Trial Results
BELLEVILLE (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP II													
GEO. KELLER & SONS CO. K-916.....	42.7	9/10	1.5	25	1.0								
MATURITY GROUP III													
ASGRW													
A3659.....	54.6	9/20	1.0	29	1.0	47.4	9/29	1.2	27	1.0	47.4	1.3	2.0
A3860.....	49.6	9/21	2.0	32	1.0	52.1	10/03	1.3	32	1.0	45.8	2.6	1.0
BERGMANN-TAYLOR													
BT 330.....	46.6	9/20	1.7	26	1.0								
BT 380.....	53.6	9/22	2.2	32	1.0								
BT 390.....	55.8	9/28	2.2	34	1.0								
COKER													
393.....	54.5	9/22	1.3	31	1.0								
FS HISOY													
HS 320.....	42.7	9/19	2.0	32	1.3								
HS 322.....	47.8	9/17	1.5	29	1.0								
HS 360.....	57.0	9/25	2.0	37	1.0	52.4	10/01	1.5	36	1.0			
350.....	52.0	9/23	1.7	35	1.0	45.5	10/04	1.7	33	1.0	47.0	3.3	2.0
FUNK													
12172.....	48.5	9/17	1.7	30	1.0								
GEO. KELLER & SONS CO.													
GRANT.....	47.7	9/16	2.2	33	1.0	52.2	9/27	2.5	32	1.3	36.5	4.0	2.0
K-917.....	38.4	9/19	1.2	25	1.0								
J M SCHULTZ													
JMS 3482.....	53.3	9/18	1.8	31	1.0	51.0	9/30	1.5	31	1.0			
WASHINGTON 5.....	41.3	9/19	2.0	26	1.0								
KITCHEN													
KSC 380.....	50.0	9/18	1.7	29	1.0								
KSC 383.....	54.0	9/22	2.3	30	1.0								
LANDERS													
3912.....	50.0	9/25	1.7	33	1.0								
MIGRO													
EX 1051.....	33.8	9/10	1.5	26	3.0								
HP3700.....	47.2	9/20	1.3	31	1.0	53.4	9/28	2.0	37	1.0			
NORTHROP KING CO.													
MV39-19.....	44.8	9/21	1.2	27	1.3								
PFIZER GENETICS													
CX321.....	43.6	9/11	1.5	27	1.0								
CX380.....	49.3	9/20	1.3	29	1.0	46.3	10/01	1.5	35	1.0	45.8	2.3	1.0
EC1147.....	46.6	9/18	1.8	29	1.0								
PRAIRIE STATE COMMODITIES													
PSC 1403.....	49.7	9/20	2.2	29	1.0								
PUBLIC VARIETY													
CUMBERLAND.....	44.0	9/20	1.3	27	1.0	56.7	9/28	1.5	30	1.0	46.5	3.5	2.0
ELF.....	50.1	9/26	1.0	14	1.0	37.5	9/27	1.0	14	1.0	50.2	1.2	1.0
FAYETTE.....	43.8	9/19	1.5	34	1.0	54.6	9/30	1.8	38	1.3			
HOBBIT.....	43.6	9/16	1.2	16	1.0								
PELLA.....	49.6	9/18	1.5	30	1.0	49.0	9/28	1.0	32	1.0	43.6	1.8	2.0
SPRITE.....	41.1	9/19	1.0	18	1.0	31.3	9/29	1.0	14	1.0	45.1	1.1	1.0
WILLIAMS 79.....	49.2	9/18	1.5	33	1.0	44.3	9/29	1.5	35	1.0	44.9	3.3	2.0
WILLIAMS 82.....	52.5	9/19	1.8	33	1.0	55.6	9/28	1.5	35	1.0			
WILL.....	42.4	9/18	1.0	22	1.0	44.8	9/28	1.0	23	1.0	44.1	2.0	1.0
RICE													
2020.....	56.7	9/21	2.0	30	1.0								
RING AROUND													
RA-31.....	48.8	9/22	1.5	34	1.0								
RIVERSIDE													
202R.....	45.8	9/20	1.0	29	1.0	47.4	9/28	1.3	29	1.0			
SEEDMAKERS													
72118H.....	44.9	9/20	1.7	32	1.0								
9-E.....	50.6	9/25	1.8	36	1.0	54.4	10/02	1.5	39	1.0	41.2	2.7	2.0
STEWART HYBRIDS													
SEEDMAKERS 9-E.....	49.0	9/22	1.7	35	1.0								
SUPERSOY													
470.....	49.2	9/22	1.5	30	1.0								
TAYLOR-EVANS													
GOLDEN ACRES GA 8350.....	44.3	9/15	1.8	32	1.0								
VORIS													
339.....	50.8	9/18	2.0	34	1.0	53.4	10/01	1.7	34	1.0	42.6	3.6	2.0
AVERAGE (GROUPS II & III)	48.0	..	1.6	29	1.1	48.5	..	1.6	33	1.1	42.9	2.5	1.9
L.S.D. 10% LEVEL.....	6.0	..	0.4	4	0.2	5.9	..	0.5	4	0.2	4.5	..	..
L.S.D. 30% LEVEL.....	3.7	..	0.3	2	0.1	3.7	..	0.3	2	0.1	2.8	..	..
STD ERR OF MEAN.....	2.5	..	0.2	2	0.1	2.5	..	0.2	2	0.1	1.9	..	..

BELLEVILLE (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP IV													
AGRIPRO													
AP 350.....	55.9	9/26	2.0	28	1.0						31.6	2.5	2.0
AP 420.....	63.0	9/26	1.8	45	1.0								
AGRO-SOY													
64.....	59.7	9/24	2.3	43	1.0								
69.....	62.7	10/02	2.5	43	1.0								
ASGROW													
A4268.....	57.4	9/26	1.7	36	1.0						47.9	2.3	2.0
FS HISOY													
HS 450.....	61.4	10/01	1.7	37	1.0								
425.....	57.2	9/25	2.2	41	1.0						42.1	2.5	2.0
480.....	58.8	10/01	2.5	43	1.0						39.4	2.1	2.0
GEO. KELLER & SONS CO.													
K-914.....	65.3	10/02	2.8	47	1.0								
J M SCHULTZ													
JMS 4982.....	61.6	10/03	2.8	45	1.0								
MITCHELL.....	56.3	9/29	2.7	38	1.0						37.8	2.5	2.0
LANDERS													
4920.....	58.7	10/01	2.3	43	1.0								
LEWIS													
45.....	55.1	9/26	2.0	34	1.0								
46.....	55.9	10/01	1.7	33	1.0								
49.....	65.2	10/02	2.5	42	1.0								
MC CUBBIN													
CARSON.....	63.4	10/02	2.8	46	1.0								
EX 4290.....	57.1	9/30	1.5	34	1.0								
MERSCHMAN													
CLEVELAND.....	57.9	9/25	2.0	38	1.0								
DALLAS.....	65.4	10/04	3.0	46	1.0								
RICHMOND.....	62.1	9/28	2.3	39	1.0								
MIGRO													
HF4800.....	53.5	9/26	1.7	29	1.0								
NORTHROP KING CO.													
MV95.....	59.3	9/30	2.3	42	1.0								
S40-44.....	50.3	9/21	1.0	30	1.0								
708182.....	62.1	9/28	2.3	43	1.0								
PFIZER GENETICS													
CX482.....	65.9	10/03	2.5	47	1.0								
PUBLIC VARIETY													
DE SOTO.....	58.7	9/25	1.8	39	1.0						42.8	2.6	1.0
FRANKLIN.....	52.8	9/26	1.5	40	1.0						29.4	2.0	1.0
LAWRENCE.....	53.3	9/21	1.3	32	1.0								
PIXIE.....	58.2	9/26	1.0	22	1.0						49.7	1.3	1.0
UNION.....	60.6	9/22	2.0	43	1.0						40.6	3.2	2.0
RING AROUND													
MITCHELL-450.....	58.1	10/09	2.0	40	1.0						24.0	2.2	1.0
RA-36.....	53.2	9/25	1.7	38	1.0	52.4	10/06	1.5	34	1.0			
RA-403.....	54.3	9/28	2.3	42	1.0								
RIVERSIDE													
2024.....	57.2	9/21	1.7	39	1.0								
2025.....	54.1	9/20	2.2	40	1.0						36.7	3.6	2.0
SEEDMAKERS													
3-G.....	51.5	9/20	2.3	40	1.0								
TAYLOR-EVANS													
GOLDEN ACRES GA 8450.....	54.8	9/27	2.0	38	1.0								
VORIS													
465.....	52.0	9/26	1.7	41	1.0						38.0	2.0	1.0
MATURITY GROUP V													
RING AROUND													
RA-401.....	60.3	10/04	2.0	38	1.0								
AVERAGE (GROUPS IV & V)...	58.2	..	2.1	39	1.0	48.5	..	1.6	33	1.1	37.6	2.2	1.8
L.S.D. 10% LEVEL.....	5.1	..	0.4	6	..	5.9	..	0.5	4	0.2	4.0	..	..
L.S.D. 30% LEVEL.....	3.2	..	0.3	4	..	3.7	..	0.3	2	0.1	2.5	..	..
STD ERR OF MEAN.....	2.2	..	0.2	3	0.0	2.5	..	0.2	2	0.1	1.7	..	..

Soybean Variety Trial Results
CARBONDALE (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP III													
AGRIGENETICS													
3103B.....	18.8	9/13	1.0	27	2.0								
BERGMANN-TAYLOR													
BT 390.....	12.6	9/13	1.0	24	2.7								
COKER													
393.....	17.7	9/13	1.2	26	1.3								
FS HISOY													
HS 360.....	10.5	9/23	1.0	23	3.0	22.2	9/28	1.0	30	1.5			
350.....	14.3	9/13	1.0	29	2.7	26.7	9/28	1.0	30	1.0	31.7	1.0	2.0
FUNK													
12172.....	24.1	9/07	1.0	21	1.3								
HELENA													
BRAND 301.....	15.1	9/13	1.2	26	3.7								
J M SCHULTZ													
JMS 3482.....	9.7	9/13	1.0	20	3.3								
WASHINGTON 5.....	12.0	9/07	1.0	29	4.0	21.6	9/24	1.0	28	2.0			
NORTHROP KING CO.													
MV39-19.....	25.7	9/13	1.0	25	2.7	27.2	9/29	1.0	28	1.0			
PAYMASTER													
401.....	9.7	9/13	1.0	24	2.7	25.4	9/28	1.0	22	1.5	25.1	1.2	2.0
PFIZER GENETICS													
CB391.....	10.4	9/23	1.0	22	2.3	28.5	9/27	1.0	26	1.0	27.4	1.0	2.0
CX380.....	12.9	9/13	1.0	25	1.7						29.7	1.0	1.0
PUBLIC VARIETY													
CUMBERLAND.....	7.7	9/13	1.0	18	2.7	27.1	9/25	1.0	26	1.0			
ELF.....	13.9	9/13	1.0	13	2.0	16.1	9/28	1.0	15	1.0			
FAYETTE.....	30.2	9/13	1.2	31	2.0	23.1	9/29	1.0	28	1.0			
HOBBIT.....	13.0	9/07	1.0	16	2.0								
PELLA.....	11.9	9/03	1.0	23	3.3	14.7	9/23	1.0	24	1.5			
SPRITE.....	17.8	9/07	1.0	15	1.7	20.6	9/26	1.0	18	1.0			
WILLIAMS 79.....	13.8	9/13	1.0	22	1.3	25.3	10/02	1.0	31	1.0	25.6	1.0	2.0
WILLIAMS 82.....	18.1	9/13	1.0	26	1.7	21.2	9/29	1.0	30	1.0			
WILL.....	13.8	9/13	1.0	16	2.7	24.0	9/25	1.0	25	1.0			
STEWART HYBRIDS													
SEEDMAKERS 9-E.....	16.9	9/13	1.0	27	1.7								
AVERAGE.....	15.2	..	1.0	23	2.4	22.4	..	1.0	26	1.2	26.6	1.1	1.7
L.S.D. 10% LEVEL.....	7.5	..	..	5	0.8	..	..	0.0	6	..	6.4	..	..
L.S.D. 30% LEVEL.....	4.7	..	..	3	0.5	..	..	0.0	3	..	3.9	..	..
STD ERR OF MEAN.....	3.2	..	0.1	2	0.4	2.4	..	0.0	2	0.2	2.7	..	..

MATURITY GROUP IV

AGRIGENETICS													
4101A.....	16.2	9/23	1.0	27	2.0								
4103A.....	13.4	10/06	1.0	24	1.7								
4105A.....	13.8	9/27	1.0	24	1.3								
AGRO-SOY													
69.....	19.6	9/27	1.2	32	1.3	29.1	10/08	1.0	37	1.0			
ASGROW													
A4268.....	12.5	9/23	1.0	22	1.7	27.7	9/30	1.0	26	1.0	27.2	1.0	1.0
CALLAHAN													
1450.....	10.5	9/23	1.0	26	1.7	30.1	10/02	1.0	37	1.0			
FS HISOY													
HS 450.....	22.9	10/06	1.0	31	2.3	33.0	10/08	1.0	29	1.0			
425.....	17.9	9/23	1.0	31	3.0	25.8	10/01	1.0	33	1.5	23.1	1.2	2.0
480.....	17.7	10/06	1.0	26	2.0	34.2	9/29	1.0	35	1.0	25.0	1.0	1.0
HELENA PREFERRED													
STEVENS.....	12.1	9/27	1.0	23	3.0	24.7	10/08	1.3	38	1.0			
HELENA													
BRAND 401.....	17.3	10/06	1.0	22	2.0								
J M SCHULTZ													
JMS 4982.....	17.9	9/27	1.0	27	1.7	37.0	10/08	1.0	37	1.0			
MITCHELL.....	23.4	9/23	1.0	28	2.7	28.8	10/08	1.0	30	1.0	24.6	1.1	2.0
LEWIS													
49.....	24.1	9/27	1.2	29	2.0								
MFA MOSOY													
PV42.....	14.3	9/23	1.0	21	1.7								
MIGRO													
HP4800.....	18.3	9/13	1.0	22	2.7	26.4	10/01	1.0	26	1.0			
NORTHROP KING CO.													
MV95.....	12.6	9/27	1.0	27	2.7	25.4	10/03	1.0	35	1.0			
S40-44.....	19.6	9/13	1.0	21	3.7	23.6	9/28	1.0	25	1.0			

CARBONDALE (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
PFIZER GENETICS													
CB425.....	25.7	9/23	1.2	36	2.0	31.6	10/02	1.3	36	1.0	25.4	1.2	1.0
CX482.....	14.5	9/27	1.0	26	1.7								
PUBLIC VARIETY													
DE SOTO.....	13.9	9/23	1.0	26	2.0	26.0	9/30	1.0	30	1.0	23.6	1.0	1.0
FRANKLIN.....	27.4	9/23	1.3	36	2.0	29.3	9/29	1.5	34	1.0	25.7	1.0	1.0
LAWRENCE.....	13.3	9/23	1.0	23	1.7	23.7	9/30	1.0	27	1.0			
PIXIE.....	27.4	9/13	1.0	18	1.7	26.4	9/29	1.0	17	1.0			
UNION.....	23.6	9/13	1.2	33	2.0	26.0	10/01	1.0	33	1.0	27.8	1.0	2.0
RING AROUND													
MITCHELL-450.....	11.5	10/06	1.0	26	2.0	19.8	10/08	1.0	31	1.0	24.6	1.0	1.0
RA-403.....	14.3	9/27	1.0	25	2.0								
TAYLOR-EVANS													
GOLDEN ACRES GA 8450.....	14.1	9/23	1.0	26	3.0								
GOLDEN ACRES GA 8490.....	20.1	9/23	1.0	28	2.0								
AVERAGE.....	17.2	..	1.0	26	2.1	26.5	..	1.0	31	1.0	24.4	1.1	1.6
L.S.D. 10% LEVEL.....	7.1	..	..	6	0.6	5.1	..	0.2	6	..	..	..	..
L.S.D. 30% LEVEL.....	4.4	..	..	4	0.4	3.2	..	0.1	4	..	..	..	..
STD ERR OF MEAN.....	3.0	..	0.1	2	0.3	2.1	..	0.1	2	0.1	2.1	..	..

MATURITY GROUP V

AGRIGENETICS													
5101A.....	25.2	10/18	1.5	30	1.0								
5103A.....	39.4	10/18	1.3	30	1.0								
AGRIPRO													
AP 55.....	25.5	10/18	1.8	35	1.0	17.6	10/27	1.2	40	1.0			
ASGROW													
A5474.....	41.3	10/18	1.5	35	1.0	24.6	10/27	1.0	34	1.0	30.6	1.5	1.0
A5618.....	17.9	10/18	1.0	29	1.0	22.4	10/27	1.3	34	1.0	32.1	1.5	1.0
COKE													
XP 79-5.....	29.2	10/18	1.0	26	1.0	26.8	10/21	1.0	28	1.0			
HELENA													
EXP. HB-S8120-5.....	32.6	10/21	2.3	40	1.0								
EXP. HB-466D1-5.....	25.4	10/18	1.3	43	1.0	20.1	10/27	1.5	41	1.0			
MFA MOSOY													
582.....	18.2	10/18	1.0	27	1.0								
PUBLIC VARIETY													
ESSEX.....	32.1	10/18	1.2	27	1.0	27.8	10/21	1.0	31	1.0	31.2	1.5	1.0
NATHAN.....	37.0	10/18	1.8	41	1.0	23.3	10/21	1.5	39	1.0	24.2	3.0	1.0
AVERAGE.....	29.4	..	1.4	33	1.0	22.1	..	1.2	34	1.0	28.4	2.0	1.1
L.S.D. 10% LEVEL.....	6.0	..	0.4	8	..	6.0	..	0.3	5	..	2.4	0.4	..
L.S.D. 30% LEVEL.....	3.7	..	0.3	5	..	3.7	..	0.2	3	..	1.4	0.3	..
STD ERR OF MEAN.....	2.4	..	0.2	3	0.0	2.5	..	0.1	2	0.0	1.0	0.2	0.1

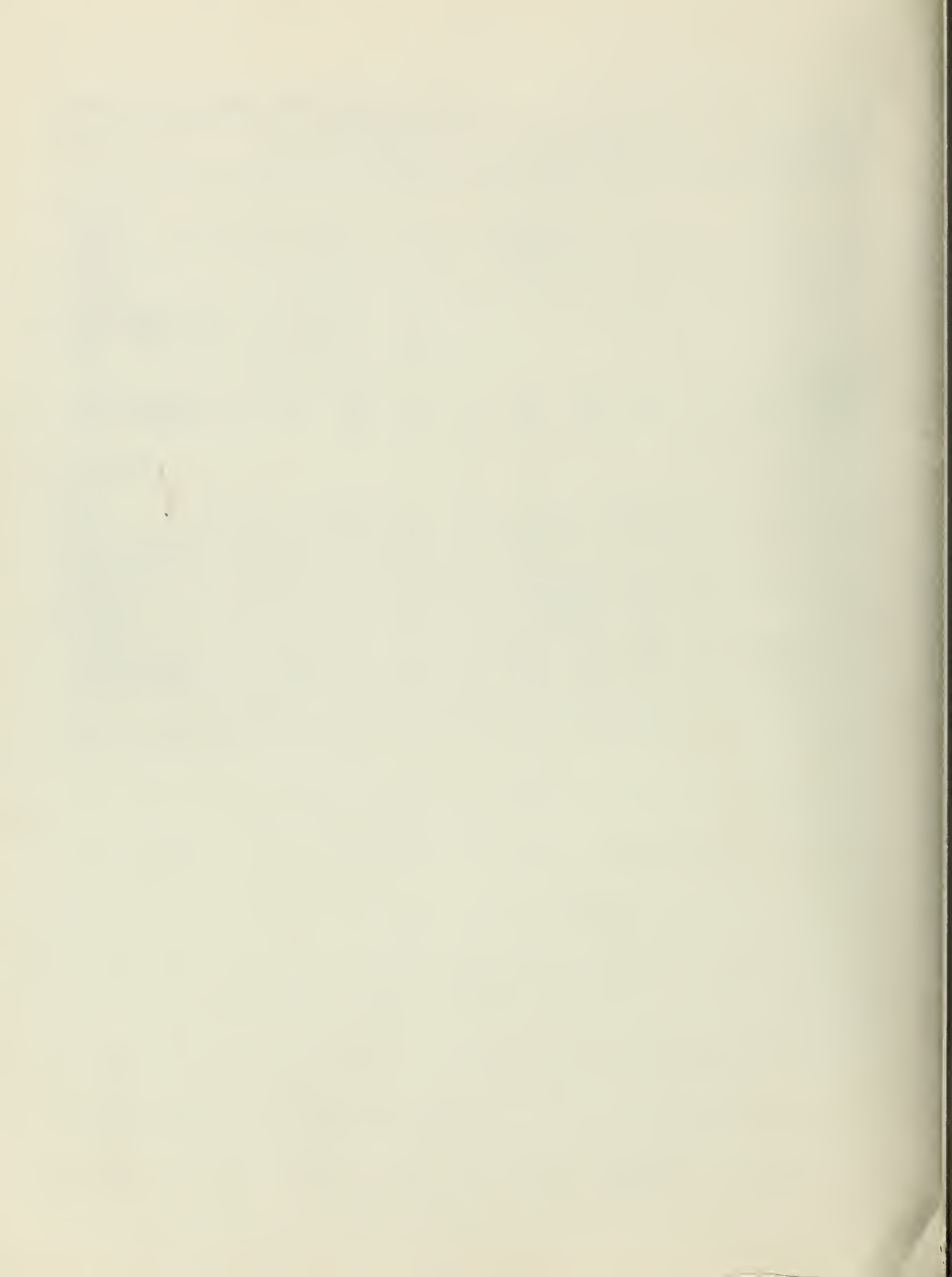
Soybean Variety Trial Results
DIXON SPRINGS (30-INCH ROW SPACING)

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
MATURITY GROUP III													
COKER													
393.....	49.2	9/14	3.2	42	1.7								
FS HISOY													
HS 360.....	49.4	9/15	2.3	47	2.0	40.7	10/09	1.3	34	1.0			
350.....	46.4	9/13	3.2	43	2.3	41.6	10/09	1.5	35	1.0	46.2	1.5	1.0
FUNK													
12172.....	42.8	9/12	1.3	34	1.0								
GOLD TAG													
GT 1380.....	43.3	9/12	1.8	43	2.0	47.7	10/07	1.5	37	1.0	59.2	1.3	1.0
HELENA													
BRAND 301.....	38.5	9/12	3.2	39	3.3								
J M SCHULTZ													
JMS 3482.....	44.5	9/12	1.5	37	2.7								
WASHINGTON S.....	30.4	9/12	2.0	36	3.3	36.1	10/04	1.2	31	1.0			
NORTHROP KING CO.													
MV39-19.....	40.8	9/13	1.7	41	2.3	46.4	10/11	1.2	34	1.0			
PFIZER GENETICS													
CB391.....	37.8	9/13	2.2	45	1.7	43.6	10/05	1.7	36	1.0	44.9	1.1	1.0
CX380.....	36.9	9/12	1.3	37	1.7								
PUBLIC VARIETY													
CUMBERLAND.....	50.6	9/12	3.0	40	1.3	31.5	10/04	1.0	27	1.0			
ELF.....	41.4	9/15	1.0	19	1.3	36.1	10/09	1.0	17	1.0	46.1	1.0	1.0
FAYETTE.....	42.9	9/08	1.8	44	2.3	37.7	10/05	1.7	33	1.0			
HOBBIT.....	39.0	9/12	1.0	20	1.0	38.4	10/06	1.0	20	1.0			
PELLA.....	39.5	9/12	1.8	41	2.0	37.8	10/04	1.5	27	1.0	54.5	1.1	1.0
SPRITE.....	43.8	9/12	1.0	21	1.0	38.5	10/05	1.2	20	1.0	42.2	1.0	1.0
WILLIAMS 79.....	41.4	9/12	2.7	41	1.7	42.6	10/05	1.3	31	1.0	47.3	3.0	1.0
WILLIAMS 82.....	45.9	9/12	2.3	42	1.0	43.0	10/08	1.2	32	1.0			
WILL.....	33.6	9/12	1.5	26	2.7	39.4	10/02	1.3	25	1.0			
AVERAGE.....	41.9	..	2.0	37	1.9	40.2	..	1.3	30	1.0	49.0	1.8	1.0
L.S.D. 10% LEVEL.....	7.1	..	1.1	3	0.7	..	..	0.3	3	..	..	..	..
L.S.D. 30% LEVEL.....	4.4	..	0.7	2	0.5	..	..	0.2	2	..	..	..	..
STD ERR OF MEAN.....	3.0	..	0.4	1	0.3	2.9	..	0.1	1	0.0	5.6	..	..
MATURITY GROUP IV													
AGRIPRO													
AP 350.....	50.8	9/20	4.0	52	1.7	50.2	10/15	1.3	42	1.0	53.5	1.3	1.0
AP 420.....	49.7	9/17	3.8	54	1.0								
AGRO-SOY													
69.....	58.1	9/24	4.0	51	1.0	48.6	10/17	1.2	37	1.0			
BELLATTI													
EXP. W. W.	45.9	9/12	3.3	51	1.3								
SEMI-DWARF.....	49.4	9/24	4.3	36	1.3	46.4	10/17	1.3	31	1.0	48.0	2.4	1.0
FS HISOY													
HS 450.....	61.9	9/18	3.2	44	1.0	48.6	10/11	1.5	35	1.0			
425.....	51.1	9/18	3.5	48	2.0	46.8	10/11	1.3	35	1.0	52.7	2.0	1.0
480.....	59.2	9/22	4.3	51	1.0	44.2	10/15	1.2	38	1.0	56.0	2.7	1.0
GOLD TAG													
GT 1440.....	54.8	9/24	3.5	44	1.0	47.5	10/11	1.2	37	1.0	55.2	4.2	1.0
HELENA PREFERRED													
STEVENS.....	46.3	9/24	3.5	50	1.3	43.4	10/12	1.3	41	1.0			
HELENA													
BRAND 401.....	51.4	9/24	4.3	51	1.0								
J M SCHULTZ													
JMS 4982.....	60.2	9/24	4.2	47	1.0	52.8	10/13	1.5	41	1.0			
MITCHELL.....	56.0	9/24	4.0	47	1.3	47.1	10/15	1.0	35	1.0	49.9	2.2	1.0
VICTOR.....	53.7	9/18	3.3	44	1.3	42.0	10/12	1.2	33	1.0	51.6	1.6	1.0
MIGRO													
HP4800.....	47.6	9/12	4.0	39	1.0	47.2	10/08	1.0	29	1.0			
NORTHROP KING CO.													
MV95.....	58.5	9/22	4.2	51	1.0	49.2	10/15	1.3	35	1.0			
S40-44.....	51.0	9/15	2.8	44	1.3	43.5	10/06	1.3	34	1.0			
PFIZER GENETICS													
CB425.....	44.3	9/14	3.3	53	1.7	44.6	10/11	1.2	37	1.0	46.4	2.6	1.0
CX482.....	63.6	9/24	3.8	52	1.0								

DIXON SPRINGS (30-INCH ROW SPACING), continued

BRAND VARIETY OR BLEND	1982 RESULTS					1981 RESULTS					1980 RESULTS		
	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	MAT. DATE	LODG- ING	HEIGHT (INCH)	SHAT- TERING	YIELD BU/A	LODG- ING	SHAT- TERING
PUBLIC VARIETY													
DE SOTO.....	55.4	9/18	3.7	48	1.0	46.2	10/09	1.2	35	1.0	55.8	1.6	1.0
FRANKLIN.....	42.1	9/21	3.2	48	1.3	43.2	10/10	1.5	40	1.0	41.0	2.0	1.0
LAWRENCE.....	53.3	9/15	3.0	42	1.3	40.2	10/11	1.0	34	1.0			
PIXIE.....	56.5	9/18	1.2	20	1.0	48.6	10/10	1.2	21	1.0	57.1	1.0	1.0
UNION.....	49.6	9/14	3.7	52	1.3	44.9	10/10	1.2	39	1.0	44.3	3.0	1.0
RING AROUND													
MITCHELL-450.....	57.2	9/22	3.2	46	1.0	44.2	10/19	1.3	38	1.0	37.4	2.7	1.0
RA-403.....	52.3	9/24	3.5	48	1.3								
TAYLOR-EVANS													
GOLDEN ACRES GA 8450.....	52.0	9/24	2.5	44	1.7								
GOLDEN ACRES GA 8490.....	59.1	9/22	4.3	56	1.0								
VORIS													
465.....	50.5	9/12	3.7	50	1.0								
495.....	53.5	9/22	3.7	49	1.0								
AVERAGE.....	53.0	..	3.6	47	1.2	44.9	..	1.3	36	1.0	49.8	2.3	1.0
L.S.D. 10% LEVEL.....	6.6	..	0.6	4	..	5.8	..	0.4	4	..	5.5	..	..
L.S.D. 30% LEVEL.....	4.2	..	0.4	3	..	3.6	..	0.2	2	..	3.4	..	..
STD ERR OF MEAN.....	2.8	..	0.2	2	0.2	2.5	..	0.2	2	0.0	2.3	..	..
MATURITY GROUP V													
AGRIPRO													
AP 55.....	44.5	9/21	3.0	41	1.0	32.2	10/29	1.7	37	1.0			
COKER													
XP 79-5.....	74.4	9/20	3.7	39	1.0	42.0	10/24	1.0	28	1.0			
HELENA													
EXP. HB-S8120-5.....	45.1	9/25	4.0	42	1.0								
EXP. HB-466D1-5.....	38.9	9/23	2.7	41	1.0	28.5	10/30	1.8	39	1.0			
PUBLIC VARIETY													
ESSEX.....	44.6	9/20	2.7	29	1.0	40.1	10/24	1.0	31	1.0	42.1	2.5	1.0
NATHAN.....	52.7	9/22	3.2	40	1.0	34.2	10/24	1.8	38	1.0			
RING AROUND													
RA-401.....	59.7	9/19	2.3	45	1.0	38.4	10/15	1.0	34	1.0			
AVERAGE.....	51.4	..	3.1	40	1.0	36.0	..	1.4	35	1.0	37.1	2.7	1.1
L.S.D. 10% LEVEL.....	8.3	5	..	5.7	..	0.5	3	..	8.3	1.0	..
L.S.D. 30% LEVEL.....	5.0	3	..	3.5	..	0.3	2	..	5.1	0.4	..
STD ERR OF MEAN.....	3.3	..	0.4	2	0.0	2.3	..	0.2	1	0.0	3.4	0.4	0.2





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